

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063115.D
 Acq On : 16 Jul 2019 19:13
 Operator : VA/AP
 Sample : K3627-03
 Misc : 2.46g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-071519

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.736	26	31	33	rBV	10353	25127	6.42%	0.450%
2	1.884	45	46	49	rVB	6352	5944	1.52%	0.106%
3	1.953	52	53	55	rBV	5206	6746	1.72%	0.121%
4	2.061	61	64	65	rBV3	6049	9894	2.53%	0.177%
5	2.140	69	72	74	rBV4	9306	18866	4.82%	0.338%
6	2.396	96	98	99	rBV2	4272	6105	1.56%	0.109%
7	2.632	119	122	124	rBV2	4308	8694	2.22%	0.156%
8	2.671	124	126	128	rVV2	4005	5449	1.39%	0.098%
9	2.720	128	131	134	rVV2	5526	11532	2.94%	0.207%
10	2.770	134	136	139	rVB3	4872	5714	1.46%	0.102%
11	2.878	145	147	150	rVB3	3902	5552	1.42%	0.099%
12	2.917	150	151	156	rVV3	5059	12219	3.12%	0.219%
13	3.006	156	160	162	rVV2	4822	13804	3.53%	0.247%
14	3.065	162	166	167	rVV2	5488	13133	3.35%	0.235%
15	3.124	170	172	177	rVB3	8586	19941	5.09%	0.357%
16	3.222	177	182	188	rVB2	53068	139136	35.53%	2.492%
17	3.478	206	208	213	rVB2	2569	5082	1.30%	0.091%
18	3.636	220	224	230	rVB2	10506	26693	6.82%	0.478%
19	3.803	238	241	245	rBV4	12540	29799	7.61%	0.534%
20	3.971	256	258	261	rBV2	2574	4085	1.04%	0.073%
21	6.087	470	473	476	rBV	1570	4023	1.03%	0.072%
22	6.166	476	481	494	rVB3	31710	118727	30.32%	2.127%
23	6.914	550	557	564	rBV2	84679	232955	59.49%	4.173%
24	7.042	564	570	578	rVB2	79236	245292	62.64%	4.394%
25	7.446	603	611	621	rVB	73829	202046	51.60%	3.619%
26	8.204	683	688	700	rBV	131164	327759	83.70%	5.871%
27	8.342	700	702	707	rVB2	1839	4359	1.11%	0.078%
28	10.399	906	911	918	rBV	158656	343697	87.77%	6.157%
29	10.497	918	921	925	rVB	2617	5092	1.30%	0.091%
30	11.216	991	994	999	rVB3	5812	15357	3.92%	0.275%
31	11.364	1008	1009	1012	rBV	6483	9723	2.48%	0.174%
32	11.866	1058	1060	1063	rBV2	3031	5380	1.37%	0.096%
33	12.358	1106	1110	1116	rVB	217459	374048	95.52%	6.700%
34	12.653	1138	1140	1143	rVB	5055	7295	1.86%	0.131%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063115.D
 Acq On : 16 Jul 2019 19:13
 Operator : VA/AP
 Sample : K3627-03
 Misc : 2.46g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-071519

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Title : SW846 8260

35	13.047	1177	1180	1184	rVB2	7443	11852	3.03%	0.212%
36	13.382	1213	1214	1217	rBV2	3076	4521	1.15%	0.081%
37	13.549	1228	1231	1237	rBV	244879	320527	81.85%	5.742%
38	13.707	1244	1247	1252	rVB2	6871	12961	3.31%	0.232%
39	13.776	1252	1254	1256	rBV	3669	5039	1.29%	0.090%
40	13.845	1258	1261	1263	rBV2	16442	22984	5.87%	0.412%
41	13.874	1263	1264	1266	rVB	9145	7353	1.88%	0.132%
42	13.933	1266	1270	1271	rBV	8984	12648	3.23%	0.227%
43	13.963	1271	1273	1277	rVB	15815	18973	4.85%	0.340%
44	14.081	1281	1285	1288	rBV3	15146	25176	6.43%	0.451%
45	14.199	1295	1297	1298	rBV	5159	7642	1.95%	0.137%
46	14.228	1298	1300	1305	rVB	40842	59699	15.25%	1.069%
47	14.366	1312	1314	1318	rVB2	4645	9815	2.51%	0.176%
48	14.435	1318	1321	1325	rBV2	10090	14460	3.69%	0.259%
49	14.514	1326	1329	1331	rBV	333276	391587	100.00%	7.015%
50	14.553	1331	1333	1338	rVB2	35630	53496	13.66%	0.958%
51	14.642	1340	1342	1345	rBV2	7967	6741	1.72%	0.121%
52	14.701	1345	1348	1350	rBV	22328	34278	8.75%	0.614%
53	14.730	1350	1351	1353	rVB	13037	9724	2.48%	0.174%
54	14.770	1353	1355	1361	rBV3	23277	38384	9.80%	0.688%
55	14.839	1361	1362	1364	rBV2	4195	5659	1.45%	0.101%
56	14.878	1364	1366	1368	rBV	52729	68619	17.52%	1.229%
57	14.967	1373	1375	1376	rVV	12466	16154	4.13%	0.289%
58	14.996	1376	1378	1381	rVV3	24088	45290	11.57%	0.811%
59	15.046	1381	1383	1385	rVV	25043	39639	10.12%	0.710%
60	15.085	1385	1387	1388	rVV2	11582	15786	4.03%	0.283%
61	15.134	1388	1392	1397	rVV4	26529	65285	16.67%	1.169%
62	15.213	1397	1400	1403	rVV5	11731	25589	6.53%	0.458%
63	15.282	1403	1407	1408	rVV2	19699	41674	10.64%	0.747%
64	15.311	1408	1410	1412	rVV2	25489	46889	11.97%	0.840%
65	15.341	1412	1413	1415	rVV2	26385	36459	9.31%	0.653%
66	15.380	1415	1417	1419	rVV3	32747	48916	12.49%	0.876%
67	15.420	1419	1421	1429	rVV5	21504	83301	21.27%	1.492%
68	15.518	1429	1431	1432	rVV2	9015	15168	3.87%	0.272%
69	15.567	1432	1436	1438	rVV2	31676	66298	16.93%	1.188%
70	15.607	1438	1440	1441	rVV	17281	25693	6.56%	0.460%
71	15.646	1441	1444	1445	rVV	77604	134388	34.32%	2.407%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063115.D
 Acq On : 16 Jul 2019 19:13
 Operator : VA/AP
 Sample : K3627-03
 Misc : 2.46g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-071519

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Title : SW846 8260

72	15.666	1445	1446	1451	rVV3	108901	163043	41.64%	2.921%
73	15.735	1451	1453	1456	rVV2	31835	62785	16.03%	1.125%
74	15.794	1456	1459	1464	rVV	77252	132308	33.79%	2.370%
75	15.902	1464	1470	1471	rVV5	23618	75000	19.15%	1.343%
76	15.932	1471	1473	1474	rVV2	28681	38891	9.93%	0.697%
77	16.000	1474	1480	1481	rVV5	31922	92506	23.62%	1.657%
78	16.050	1483	1485	1486	rVV2	30752	44048	11.25%	0.789%
79	16.079	1486	1488	1490	rVV2	25776	44675	11.41%	0.800%
80	16.138	1490	1494	1496	rVV3	37793	85596	21.86%	1.533%
81	16.178	1496	1498	1500	rVV	30758	51200	13.07%	0.917%
82	16.227	1500	1503	1507	rVV5	42384	89786	22.93%	1.608%
83	16.306	1507	1511	1514	rVV	55132	101517	25.92%	1.819%
84	16.355	1514	1516	1518	rVV	28365	44082	11.26%	0.790%
85	16.424	1520	1523	1526	rVV5	15395	42944	10.97%	0.769%
86	16.473	1526	1528	1529	rVV2	23325	35911	9.17%	0.643%
87	16.502	1529	1531	1535	rVV	57825	90461	23.10%	1.620%
88	16.571	1535	1538	1541	rVV4	14750	37470	9.57%	0.671%
89	16.630	1541	1544	1546	rVV3	17455	36403	9.30%	0.652%
90	16.660	1546	1547	1550	rVV2	9437	19410	4.96%	0.348%
91	16.729	1550	1554	1557	rVV3	35479	63695	16.27%	1.141%
92	16.768	1557	1558	1560	rVV2	7712	11268	2.88%	0.202%
93	16.837	1562	1565	1567	rVV2	8629	17928	4.58%	0.321%
94	16.877	1567	1569	1571	rVV2	17374	23479	6.00%	0.421%
95	16.916	1571	1573	1577	rVV3	14207	23440	5.99%	0.420%
96	16.985	1577	1580	1582	rVV2	9209	11503	2.94%	0.206%
97	17.044	1585	1586	1591	rVB3	7054	12337	3.15%	0.221%
98	17.152	1593	1597	1600	rVB2	3752	8885	2.27%	0.159%
99	17.418	1621	1624	1625	rBV2	3250	3935	1.00%	0.070%

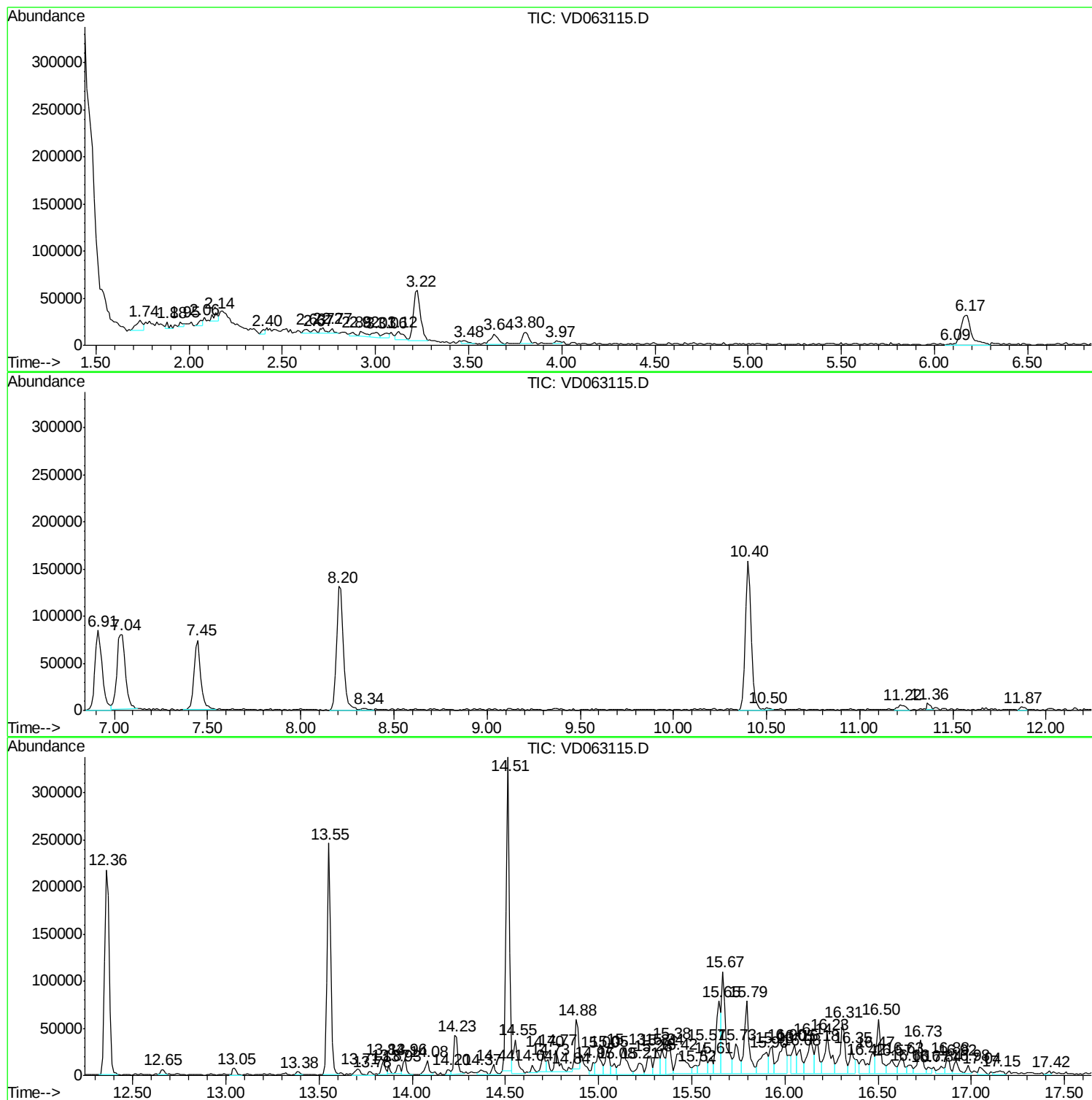
Sum of corrected areas: 5582441

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071619\
Data File : VD063115.D
Acq On : 16 Jul 2019 19:13
Operator : VA/AP
Sample : K3627-03
Misc : 2.46g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-071519

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071619\
Data File : VD063115.D
Acq On : 16 Jul 2019 19:13
Operator : VA/AP
Sample : K3627-03
Misc : 2.46g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-071519

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown15.42 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	10.64 ug/l	83301	1,4-Dichlorobenzene-d4	14.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-epi-trans-sesquisabinene hydrate	222	C15H26O	1000374-17-7	28
2			Benzene, 1-methyl-4-(1-methylpropyl)-	148	C11H16	001595-16-0	27
3			m-Toluic acid, 6-ethyl-3-octyl ester	276	C18H28O2	1000293-33-3	25
4			1,4-Bis[3,4-dimethylphenyl]-2,3-dimethyl-5,6-dimethyl-7,8-dimethyl-9,10-dimethyl-11,12-dimethyl-13,14-dimethyl-15,16-dimethyl-17,18-dimethyl-19,20-dimethyl-21,22-dimethyl-23,24-dimethyl-25,26-dimethyl-27,28-dimethyl-29,30-dimethyl-31,32-dimethyl-33,34-dimethyl-35,36-dimethyl-37,38-dimethyl-39,40-dimethyl-41,42-dimethyl-43,44-dimethyl-45,46-dimethyl-47,48-dimethyl-49,50-dimethyl-51,52-dimethyl-53,54-dimethyl-55,56-dimethyl-57,58-dimethyl-59,60-dimethyl-61,62-dimethyl-63,64-dimethyl-65,66-dimethyl-67,68-dimethyl-69,70-dimethyl-71,72-dimethyl-73,74-dimethyl-75,76-dimethyl-77,78-dimethyl-79,80-dimethyl-81,82-dimethyl-83,84-dimethyl-85,86-dimethyl-87,88-dimethyl-89,90-dimethyl-91,92-dimethyl-93,94-dimethyl-95,96-dimethyl-97,98-dimethyl-99,100-dimethyl-101,102-dimethyl-103,104-dimethyl-105,106-dimethyl-107,108-dimethyl-109,110-dimethyl-111,112-dimethyl-113,114-dimethyl-115,116-dimethyl-117,118-dimethyl-119,120-dimethyl-121,122-dimethyl-123,124-dimethyl-125,126-dimethyl-127,128-dimethyl-129,130-dimethyl-131,132-dimethyl-133,134-dimethyl-135,136-dimethyl-137,138-dimethyl-139,140-dimethyl-141,142-dimethyl-143,144-dimethyl-145,146-dimethyl-147,148-dimethyl-149,150-dimethyl-151,152-dimethyl-153,154-dimethyl-155,156-dimethyl-157,158-dimethyl-159,160-dimethyl-161,162-dimethyl-163,164-dimethyl-165,166-dimethyl-167,168-dimethyl-169,170-dimethyl-171,172-dimethyl-173,174-dimethyl-175,176-dimethyl-177,178-dimethyl-179,180-dimethyl-181,182-dimethyl-183,184-dimethyl-185,186-dimethyl-187,188-dimethyl-189,190-dimethyl-191,192-dimethyl-193,194-dimethyl-195,196-dimethyl-197,198-dimethyl-199,200-dimethyl-201,202-dimethyl-203,204-dimethyl-205,206-dimethyl-207,208-dimethyl-209,210-dimethyl-211,212-dimethyl-213,214-dimethyl-215,216-dimethyl-217,218-dimethyl-219,220-dimethyl-221,222-dimethyl-223,224-dimethyl-225,226-dimethyl-227,228-dimethyl-229,230-dimethyl-231,232-dimethyl-233,234-dimethyl-235,236-dimethyl-237,238-dimethyl-239,240-dimethyl-241,242-dimethyl-243,244-dimethyl-245,246-dimethyl-247,248-dimethyl-249,250-dimethyl-251,252-dimethyl-253,254-dimethyl-255,256-dimethyl-257,258-dimethyl-259,260-dimethyl-261,262-dimethyl-263,264-dimethyl-265,266-dimethyl-267,268-dimethyl-269,270-dimethyl-271,272-dimethyl-273,274-dimethyl-275,276-dimethyl-277,278-dimethyl-279,280-dimethyl-281,282-dimethyl-283,284-dimethyl-285,286-dimethyl-287,288-dimethyl-289,290-dimethyl-291,292-dimethyl-293,294-dimethyl-295,296-dimethyl-297,298-dimethyl-299,300-dimethyl-301,302-dimethyl-303,304-dimethyl-305,306-dimethyl-307,308-dimethyl-309,310-dimethyl-311,312-dimethyl-313,314-dimethyl-315,316-dimethyl-317,318-dimethyl-319,320-dimethyl-321,322-dimethyl-323,324-dimethyl-325,326-dimethyl-327,328-dimethyl-329,330-dimethyl-331,332-dimethyl-333,334-dimethyl-335,336-dimethyl-337,338-dimethyl-339,340-dimethyl-341,342-dimethyl-343,344-dimethyl-345,346-dimethyl-347,348-dimethyl-349,350-dimethyl-351,352-dimethyl-353,354-dimethyl-355,356-dimethyl-357,358-dimethyl-359,360-dimethyl-361,362-dimethyl-363,364-dimethyl-365,366-dimethyl-367,368-dimethyl-369,370-dimethyl-371,372-dimethyl-373,374-dimethyl-375,376-dimethyl-377,378-dimethyl-379,380-dimethyl-381,382-dimethyl-383,384-dimethyl-385,386-dimethyl-387,388-dimethyl-389,390-dimethyl-391,392-dimethyl-393,394-dimethyl-395,396-dimethyl-397,398-dimethyl-399,400-dimethyl-401,402-dimethyl-403,404-dimethyl-405,406-dimethyl-407,408-dimethyl-409,410-dimethyl-411,412-dimethyl-413,414-dimethyl-415,416-dimethyl-417,418-dimethyl-419,420-dimethyl-421,422-dimethyl-423,424-dimethyl-425,426-dimethyl-427,428-dimethyl-429,430-dimethyl-431,432-dimethyl-433,434-dimethyl-435,436-dimethyl-437,438-dimethyl-439,440-dimethyl-441,442-dimethyl-443,444-dimethyl-445,446-dimethyl-447,448-dimethyl-449,450-dimethyl-451,452-dimethyl-453,454-dimethyl-455,456-dimethyl-457,458-dimethyl-459,460-dimethyl-461,462-dimethyl-463,464-dimethyl-465,466-dimethyl-467,468-dimethyl-469,470-dimethyl-471,472-dimethyl-473,474-dimethyl-475,476-dimethyl-477,478-dimethyl-479,480-dimethyl-481,482-dimethyl-483,484-dimethyl-485,486-dimethyl-487,488-dimethyl-489,490-dimethyl-491,492-dimethyl-493,494-dimethyl-495,496-dimethyl-497,498-dimethyl-499,500-dimethyl-501,502-dimethyl-503,504-dimethyl-505,506-dimethyl-507,508-dimethyl-509,510-dimethyl-511,512-dimethyl-513,514-dimethyl-515,516-dimethyl-517,518-dimethyl-519,520-dimethyl-521,522-dimethyl-523,524-dimethyl-525,526-dimethyl-527,528-dimethyl-529,530-dimethyl-531,532-dimethyl-533,534-dimethyl-535,536-dimethyl-537,538-dimethyl-539,540-dimethyl-541,542-dimethyl-543,544-dimethyl-545,546-dimethyl-547,548-dimethyl-549,550-dimethyl-551,552-dimethyl-553,554-dimethyl-555,556-dimethyl-557,558-dimethyl-559,560-dimethyl-561,562-dimethyl-563,564-dimethyl-565,566-dimethyl-567,568-dimethyl-569,570-dimethyl-571,572-dimethyl-573,574-dimethyl-575,576-dimethyl-577,578-dimethyl-579,580-dimethyl-581,582-dimethyl-583,584-dimethyl-585,586-dimethyl-587,588-dimethyl-589,590-dimethyl-591,592-dimethyl-593,594-dimethyl-595,596-dimethyl-597,598-dimethyl-599,600-dimethyl-601,602-dimethyl-603,604-dimethyl-605,606-dimethyl-607,608-dimethyl-609,610-dimethyl-611,612-dimethyl-613,614-dimethyl-615,616-dimethyl-617,618-dimethyl-619,620-dimethyl-621,622-dimethyl-623,624-dimethyl-625,626-dimethyl-627,628-dimethyl-629,630-dimethyl-631,632-dimethyl-633,634-dimethyl-635,636-dimethyl-637,638-dimethyl-639,640-dimethyl-641,642-dimethyl-643,644-dimethyl-645,646-dimethyl-647,648-dimethyl-649,650-dimethyl-651,652-dimethyl-653,654-dimethyl-655,656-dimethyl-657,658-dimethyl-659,660-dimethyl-661,662-dimethyl-663,664-dimethyl-665,666-dimethyl-667,668-dimethyl-669,670-dimethyl-671,672-dimethyl-673,674-dimethyl-675,676-dimethyl-677,678-dimethyl-679,680-dimethyl-681,682-dimethyl-683,684-dimethyl-685,686-dimethyl-687,688-dimethyl-689,690-dimethyl-691,692-dimethyl-693,694-dimethyl-695,696-dimethyl-697,698-dimethyl-699,700-dimethyl-701,702-dimethyl-703,704-dimethyl-705,706-dimethyl-707,708-dimethyl-709,710-dimethyl-711,712-dimethyl-713,714-dimethyl-715,716-dimethyl-717,718-dimethyl-719,720-dimethyl-721,722-dimethyl-723,724-dimethyl-725,726-dimethyl-727,728-dimethyl-729,730-dimethyl-731,732-dimethyl-733,734-dimethyl-735,736-dimethyl-737,738-dimethyl-739,740-dimethyl-741,742-dimethyl-743,744-dimethyl-745,746-dimethyl-747,748-dimethyl-749,750-dimethyl-751,752-dimethyl-753,754-dimethyl-755,756-dimethyl-757,758-dimethyl-759,760-dimethyl-761,762-dimethyl-763,764-dimethyl-765,766-dimethyl-767,768-dimethyl-769,770-dimethyl-771,772-dimethyl-773,774-dimethyl-775,776-dimethyl-777,778-dimethyl-779,780-dimethyl-781,782-dimethyl-783,784-dimethyl-785,786-dimethyl-787,788-dimethyl-789,790-dimethyl-791,792-dimethyl-793,794-dimethyl-795,796-dimethyl-797,798-dimethyl-799,800-dimethyl-801,802-dimethyl-803,804-dimethyl-805,806-dimethyl-807,808-dimethyl-809,810-dimethyl-811,812-dimethyl-813,814-dimethyl-815,816-dimethyl-817,818-dimethyl-819,820-dimethyl-821,822-dimethyl-823,824-dimethyl-825,826-dimethyl-827,828-dimethyl-829,830-dimethyl-831,832-dimethyl-833,834-dimethyl-835,836-dimethyl-837,838-dimethyl-839,840-dimethyl-841,842-dimethyl-843,844-dimethyl-845,846-dimethyl-847,848-dimethyl-849,850-dimethyl-851,852-dimethyl-853,854-dimethyl-855,856-dimethyl-857,858-dimethyl-859,860-dimethyl-861,862-dimethyl-863,864-dimethyl-865,866-dimethyl-867,868-dimethyl-869,870-dimethyl-871,872-dimethyl-873,874-dimethyl-875,876-dimethyl-877,878-dimethyl-879,880-dimethyl-881,882-dimethyl-883,884-dimethyl-885,886-dimethyl-887,888-dimethyl-889,890-dimethyl-891,892-dimethyl-893,894-dimethyl-895,896-dimethyl-897,898-dimethyl-899,900-dimethyl-901,902-dimethyl-903,904-dimethyl-905,906-dimethyl-907,908-dimethyl-909,910-dimethyl-911,912-dimethyl-913,914-dimethyl-915,916-dimethyl-917,918-dimethyl-919,920-dimethyl-921,922-dimethyl-923,924-dimethyl-925,926-dimethyl-927,928-dimethyl-929,930-dimethyl-931,932-dimethyl-933,934-dimethyl-935,936-dimethyl-937,938-dimethyl-939,940-dimethyl-941,942-dimethyl-943,944-dimethyl-945,946-dimethyl-947,948-dimethyl-949,950-dimethyl-951,952-dimethyl-953,954-dimethyl-955,956-dimethyl-957,958-dimethyl-959,960-dimethyl-961,962-dimethyl-963,964-dimethyl-965,966-dimethyl-967,968-dimethyl-969,970-dimethyl-971,972-dimethyl-973,974-dimethyl-975,976-dimethyl-977,978-dimethyl-979,980-dimethyl-981,982-dimethyl-983,984-dimethyl-985,986-dimethyl-987,988-dimethyl-989,990-dimethyl-991,992-dimethyl-993,994-dimethyl-995,996-dimethyl-997,998-dimethyl-999,1000-dimethyl-1001,1002-dimethyl-1003,1004-dimethyl-1005,1006-dimethyl-1007,1008-dimethyl-1009,1010-dimethyl-1011,1012-dimethyl-1013,1014-dimethyl-1015,1016-dimethyl-1017,1018-dimethyl-1019,1020-dimethyl-1021,1022-dimethyl-1023,1024-dimethyl-1025,1026-dimethyl-1027,1028-dimethyl-1029,1030-dimethyl-1031,1032-dimethyl-1033,1034-dimethyl-1035,1036-dimethyl-1037,1038-dimethyl-1039,1040-dimethyl-1041,1042-dimethyl-1043,1044-dimethyl-1045,1046-dimethyl-1047,1048-dimethyl-1049,1050-dimethyl-1051,1052-dimethyl-1053,1054-dimethyl-1055,1056-dimethyl-1057,1058-dimethyl-1059,1060-dimethyl-1061,1062-dimethyl-1063,1064-dimethyl-1065,1066-dimethyl-1067,1068-dimethyl-1069,1070-dimethyl-1071,1072-dimethyl-1073,1074-dimethyl-1075,1076-dimethyl-1077,1078-dimethyl-1079,1080-dimethyl-1081,1082-dimethyl-1083,1084-dimethyl-1085,1086-dimethyl-1087,1088-dimethyl-1089,1090-dimethyl-1091,1092-dimethyl-1093,1094-dimethyl-1095,1096-dimethyl-1097,1098-dimethyl-1099,1100-dimethyl-1101,1102-dimethyl-1103,1104-dimethyl-1105,1106-dimethyl-1107,1108-dimethyl-1109,1110-dimethyl-1111,1112-dimethyl-1113,1114-dimethyl-1115,1116-dimethyl-1117,1118-dimethyl-1119,1120-dimethyl-1121,1122-dimethyl-1123,1124-dimethyl-1125,1126-dimethyl-1127,1128-dimethyl-1129,1130-dimethyl-1131,1132-dimethyl-1133,1134-dimethyl-1135,1136-dimethyl-1137,1138-dimethyl-1139,1140-dimethyl-1141,1142-dimethyl-1143,1144-dimethyl-1145,1146-dimethyl-1147,1148-dimethyl-1149,1150-dimethyl-1151,1152-dimethyl-1153,1154-dimethyl-1155,1156-dimethyl-1157,1158-dimethyl-1159,1160-dimethyl-1161,1162-dimethyl-1163,1164-dimethyl-1165,1166-dimethyl-1167,1168-dimethyl-1169,1170-dimethyl-1171,1172-dimethyl-1173,1174-dimethyl-1175,1176-dimethyl-1177,1178-dimethyl-1179,1180-dimethyl-1181,1182-dimethyl-1183,1184-dimethyl-1185,1186-dimethyl-1187,1188-dimethyl-1189,1190-dimethyl-1191,1192-dimethyl-1193,1194-dimethyl-1195,1196-dimethyl-1197,1198-dimethyl-1199,1200-dimethyl-1201,1202-dimethyl-1203,1204-dimethyl-1205,1206-dimethyl-1207,1208-dimethyl-1209,1210-dimethyl-1211,1212-dimethyl-1213,1214-dimethyl-1215,1216-dimethyl-1217,1218-dimethyl-1219,1220-dimethyl-1221,1222-dimethyl-1223,1224-dimethyl-1225,1226-dimethyl-1227,1228-dimethyl-1229,1230-dimethyl-1231,1232-dimethyl-1233,1234-dimethyl-1235,1236-dimethyl-1237,1238-dimethyl-1239,1240-dimethyl-1241,1242-dimethyl-1243,1244-dimethyl-1245,1246-dimethyl-1247,1248-dimethyl-1249,1250-dimethyl-1251,1252-dimethyl-1253,1254-dimethyl-1255,1256-dimethyl-1257,1258-dimethyl-1259,1260-dimethyl-1261,1262-dimethyl-1263,1264-dimethyl-1265,1266-dimethyl-1267,1268-dimethyl-1269,1270-dimethyl-1271,1272-dimethyl-1273,1274-dimethyl-1275,1276-dimethyl-1277,1278-dimethyl-1279,1280-dimethyl-1281,1282-dimethyl-1283,1284-dimethyl-1285,1286-dimethyl-1287,1288-dimethyl-1289,1290-dimethyl-1291,1292-dimethyl-1293,1294-dimethyl-1295,1296-dimethyl-1297,1298-dimethyl-1299,1300-dimethyl-1301,1302-dimethyl-1303,1304-dimethyl-1305,1306-dimethyl-1307,1308-dimethyl-1309,1310-dimethyl-1311,1312-dimethyl-1313,1314-dimethyl-1315,1316-dimethyl-1317,1318-dimethyl-1319,1320-dimethyl-1321,1322-dimethyl-1323,1324-dimethyl-1325,1326-dimethyl-1327,1328-dimethyl-1329,1330-dimethyl-1331,1332-dimethyl-1333,1334-dimethyl-1335,1336-dimethyl-1337,1338-dimethyl-1339,1340-dimethyl-1341,1342-dimethyl-1343,1344-dimethyl-1345,1346-dimethyl-1347,1348-dimethyl-1349,1350-dimethyl-1351,1352-dimethyl-1353,1354-dimethyl-1355,1356-dimethyl-1357,1358-dimethyl-1359,1360-dimethyl-1361,1362-dimethyl-1363,1364-dimethyl-1365,1366-dimethyl-1367,1368-dimethyl-1369,1370-dimethyl-1371,1372-dimethyl-1373,1374-dimethyl-1375,1376-dimethyl-1377,1378-dimethyl-1379,1380-dimethyl-1381,1382-dimethyl-1383,1384-dimethyl-1385,1386-dimethyl-1387,1388-dimethyl-1389,1390-dimethyl-1391,1392-dimethyl-1393,1394-dimethyl-1395,1396-dimethyl-1397,1398-dimethyl-1399,1400-dimethyl-1401,1402-dimethyl-1403,1404-dimethyl-1405,1406-dimethyl-1407,1408-dimethyl-1409,1410-dimethyl-1411,1412-dimethyl-1413,1414-dimethyl-1415,1416-dimethyl-1417,1418-dimethyl-1419,1420-dimethyl-1421,1422-dimethyl-1423,1424-dimethyl-1425,1426-dimethyl-1427,1428-dimethyl-1429,1430-dimethyl-1431,1432-dimethyl-1433,1434-dimethyl-1435,1436-dimethyl-1437,1438-dimethyl-1439,1440-dimethyl-1441,1442-dimethyl-1443,1444-dimethyl-1445,1446-dimethyl-1447,1448-dimethyl-1449,1450-dimethyl-1451,1452-dimethyl-1453,1454-dimethyl-1455,1456-dimethyl-1457,1458-dimethyl-1459,1460-dimethyl-1461,1462-dimethyl-1463,1464-dimethyl-1465,1466-dimethyl-1467,1468-dimethyl-1469,1470-dimethyl-1471,1472-dimethyl-1473,1474-dimethyl-1475,1476-dimethyl-1477,1478-dimethyl-1479,1480-dimethyl-1481,1482-dimethyl-1483,1484-dimethyl-1485,1486-dimethyl-1487,1488-dimethyl-1489,1490-dimethyl-1491,1492-dimethyl-1493,1494-dimethyl-1495,1496-dimethyl-1497,1498-dimethyl-1499,1500-dimethyl-1501,1502-dimethyl-1503,1504-dimethyl-1505,1506-dimethyl-1507,1508-dimethyl-1509,1510-dimethyl-1511,1512-dimethyl-1513,1514-dimethyl-1515,1516-dimethyl-1517,1518-dimethyl-1519,1520-dimethyl-1521,1522-dimethyl-1523,1524-dimethyl-1525,1526-dimethyl-1527,1528-dimethyl-1529,1530-dimethyl-1531,1532-dimethyl-1533,1534-dimethyl-1535,1536-dimethyl-1537,1538-dimethyl-1539,1540-dimethyl-1541,1542-dimethyl-1543,1544-dimethyl-1545,1546-dimethyl-1547,1548-dimethyl-1549,1550-dimethyl-1551,1552-dimethyl-1553,1554-dimethyl-1555,1556-dimethyl-1557,1558-dimethyl-1559,1560-dimethyl-1561,1562-dimethyl-1563,1564-dimethyl-1565,1566-dimethyl-1567,1568-dimethyl-1569,1570-dimethyl-1571,1572-dimethyl-1573,1574-dimethyl-1575,1576-dimethyl-1577,1578-dimethyl-1579,1580-dimethyl-1581,1582-dimethyl-1583,1584-dimethyl-1585,1586-dimethyl-1587,1588-dimethyl-1589,1590-dimethyl-1591,1592-dimethyl-1593,1594-dimethyl-1595,1596-dimethyl-1597,1598-dimethyl-1599,1600-dimethyl-1601,1602-dimethyl-1603,1604-dimethyl-1605,1606-dimethyl-1607,1608-dimethyl-1609,1610-dimethyl-1611,1612-dimethyl-1613,1614-dimethyl-1615,1616-dimethyl-1617,1618-dimethyl-1619,1620-dimethyl-1621,1622-dimethyl-1623,1624-dimethyl-1625,1626-dimethyl-1627,1628-dimethyl-1629,1630-dimethyl-1631,1632-dimethyl-1633,1634-dimethyl-1635,1636-dimethyl-1637,1638-dimethyl-1639,1640-dimethyl-1641,1642-dimethyl-1643,1644-dimethyl-1645,1646-dimethyl-1647,1648-dimethyl-1649,1650-dimethyl-1651,1652-dimethyl-1653,1654-dimethyl-1655,1656-dimethyl-1657,1658-dimethyl-1659,1660-dimethyl-1661,1662-dimethyl-1663,1664-dimethyl-1665,1666-dimethyl-1667,1668-dimethyl-1669,1670-dimethyl-1671,1672-dimethyl-1673,1674-dimethyl-1675,1676-dimethyl-1677,1678-dimethyl-1679,1680-dimethyl-1681,1682-dimethyl-1683,1684-dimethyl-1685,1686-dimethyl-1687,1688-dimethyl-1689,1690-dimethyl-1691,1692-dimethyl-1693,1694-dimethyl-1695,1696-dimethyl-1697,1698-dimethyl-1699,1700-dimethyl-1701,1702-dimethyl-1703,1704-dimethyl-1705,1706-dimethyl-1707,1708-dimethyl-1709,1710-dimethyl-1711,1712-dimethyl-1713,1714-dimethyl-1715,1716-dimethyl-1717,1718-dimethyl-1719,1720-dimethyl-1721,1722-dimethyl-1723,1724-dimethyl-1725,1726-dimethyl-1727,1728-dimethyl-1729,1730-dimethyl-1731,1732-dimethyl-1733,1734-dimethyl-1735,1736-dimethyl-1737,1738-dimethyl-1739,1740-dimethyl-1741,1742-dimethyl-1743,1744-dimethyl-1745,1746-dimethyl-1747,1748-dimethyl-1749,1750-dimethyl-1751,1752-dimethyl-1753,1754-dimethyl-1755,1756-dimethyl-1757,1758-dimethyl-1759,1760-dimethyl-1761,1762-dimethyl-1763,1764-dimethyl-1765,1766-dimethyl-1767,1768-dimethyl-1769,1770-dimethyl-1771,1772-dimethyl-1773,1774-dimethyl-1775,1776-dimethyl-1777,1778-dimethyl-1779,1780-dimethyl-1781,1782-dimethyl-1783,1784-dimethyl-1785,1786-dimethyl-1787,1788-dimethyl-1789,1790-dimethyl-1791,1792-dimethyl-1793,1794-dimethyl-1795,1796-dimethyl-1797,1798-dimethyl-1799,1800-dimethyl-1801,1802-dimethyl-1803,1804-dimethyl-1805,1806-dimethyl-1807,1808-dimethyl-1809,1810-dimethyl-1811,1812-dimethyl-1813,1814-dimethyl-1815,1816-dimethyl-1817,1818-dimethyl-1819,1820-dimethyl-1821,1822-dimethyl-1823,1824-dimethyl-1825,1826-dimethyl-1827,1828-dimethyl-1829,1830-dimethyl-1831,1832-dimethyl-1833,1834-dimethyl-1835,1836-dimethyl-1837,1838-dimethyl-1839,1840-dimethyl-1841,1842-dimethyl-1843,1844-dimethyl-1845,1846-dimethyl-1847,1848-dimethyl-1849,1850-dimethyl-1851,1852-dimethyl-1853,1854-dimethyl-1855,1856-dimethyl-1857,1858-dimethyl-1859,1860-dimethyl-1861,1862-dimethyl-1863,1864-dimethyl-1865,1866-dimethyl-1867,1868-dimethyl-1869,1870-dimethyl-1871,1872-dimethyl-1873,1874-dimethyl-1875,1876-dimethyl-1877,1878-dimethyl-1879,1880-dimethyl-1881,1882-dimethyl-1883,1884-dimethyl-1885,1886-dimethyl-1887,1888-dimethyl-1889,1890-dimethyl-1891,1892-dimethyl-1893,1894-dimethyl-1895,1896-dimethyl-1897,1898-dimethyl-1899,1900-dimethyl-1901,1902-dimethyl-1903,1904-dimethyl-1905,1906-dimethyl-1907,1908-dimethyl-1909,1910-dimethyl-1911,1912-dimethyl-1913,1914-dimethyl-1915,1916-dimethyl-1917,1918-dimethyl-1919,1920-dimethyl-1921,1922-dimethyl-1923,1924-dimethyl-1925,1926-dimethyl-1927,1928-dimethyl-1929,1930-dimethyl-1931,1932-dimethyl-1933,1934-dimethyl-1935,1936-dimethyl-1937,1938-dimethyl-1939,1940-dimethyl-1941,1942-dimethyl-1943,1944-dimethyl-1945,1946-dimethyl-1947,1948-dimethyl-1949,1950-dimethyl-1951,1952-dimethyl-1953,1954-dimethyl-1955,1956-dimethyl-1957,1958-dimethyl-1959,1960-dimethyl-1961,1962-dimethyl-1963,1964-dimethyl-1965,1966-dimethyl-1967,1968-dimethyl-1969,1970-dimethyl-1971,1972-dimethyl-1973,1974-dimethyl-1975,1976				

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071619\
Data File : VD063115.D
Acq On : 16 Jul 2019 19:13
Operator : VA/AP
Sample : K3627-03
Misc : 2.46g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

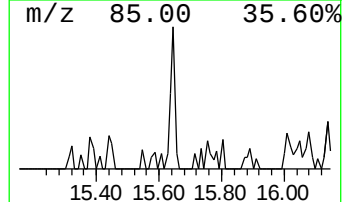
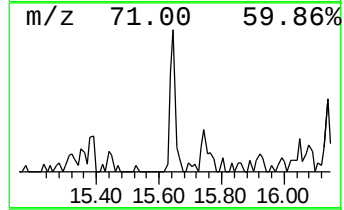
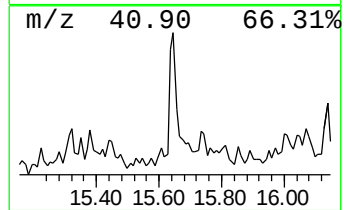
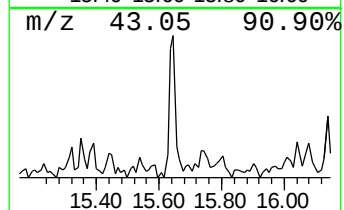
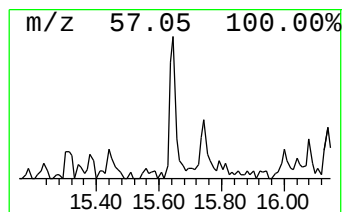
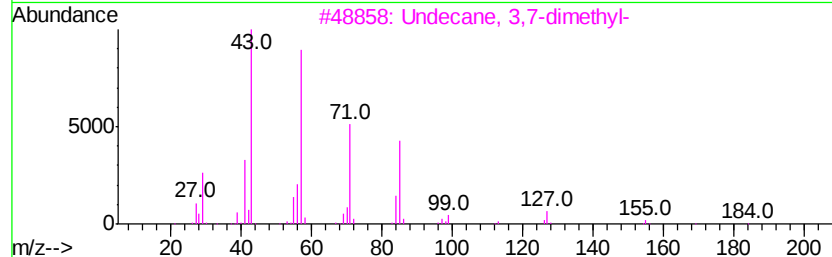
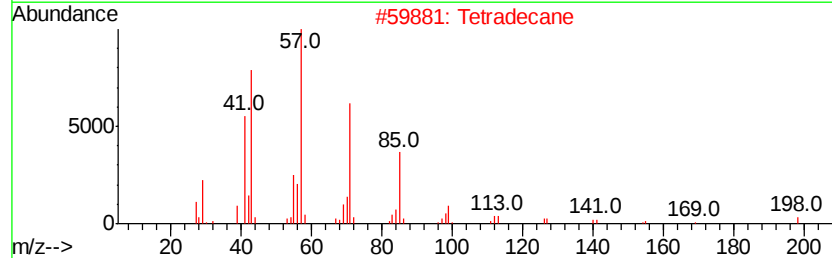
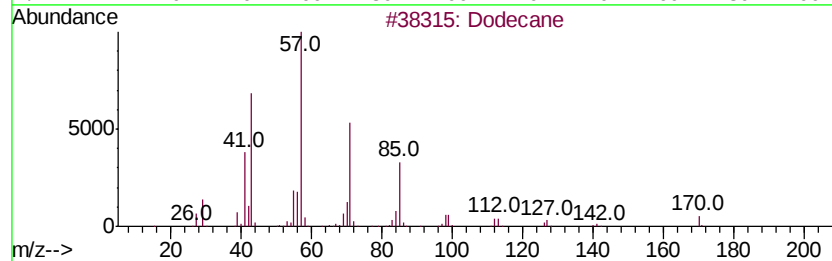
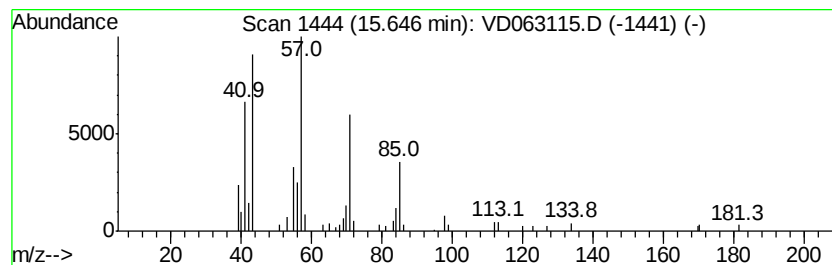
Instrument :
MSVOA_D
ClientSampleId :
TR-04-071519

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	17.16 ug/l	134388	1,4-Dichlorobenzene-d4	14.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	90
2	Tetradecane	198 C14H30	000629-59-4	80
3	Undecane, 3,7-dimethyl-	184 C13H28	017301-29-0	72
4	Undecane	156 C11H24	001120-21-4	72
5	Hexadecane	226 C16H34	000544-76-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071619\
Data File : VD063115.D
Acq On : 16 Jul 2019 19:13
Operator : VA/AP
Sample : K3627-03
Misc : 2.46g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-071519

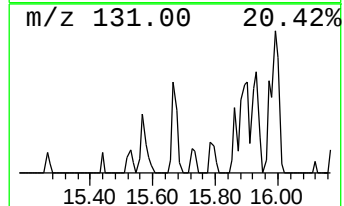
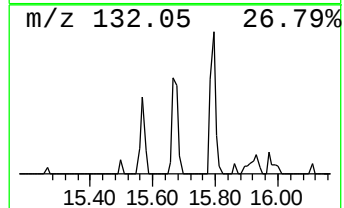
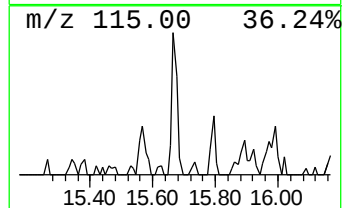
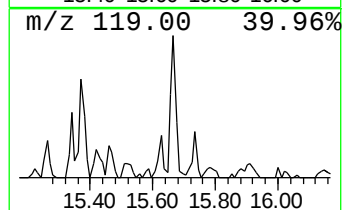
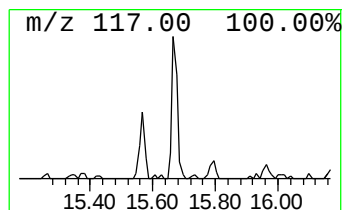
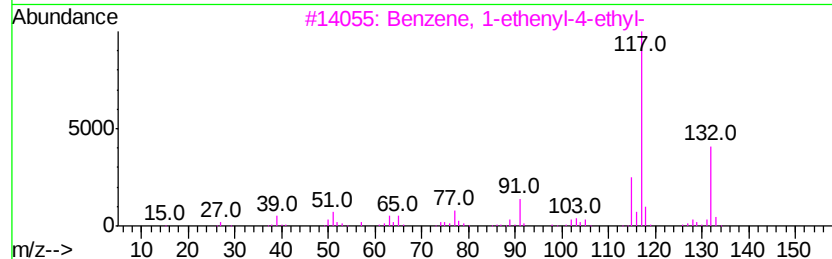
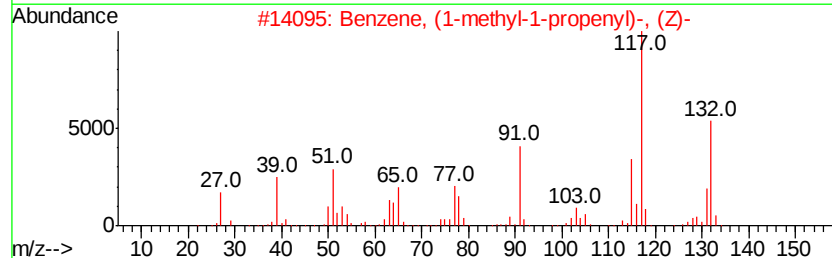
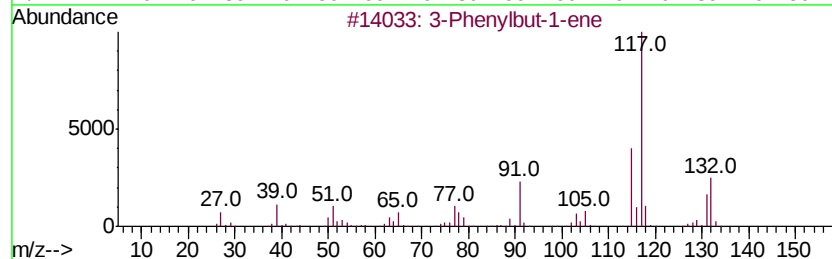
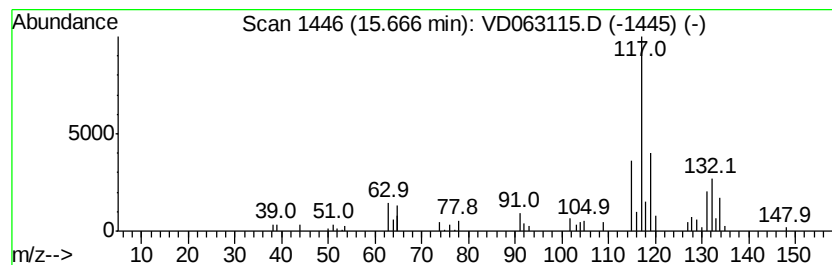
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Phenylbut-1-ene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	20.82 ug/l	163043	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	53
2		Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000767-99-7	50
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	49
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	49
5		Benzene, 2-butenyl-	132	C10H12	001560-06-1	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071619\
Data File : VD063115.D
Acq On : 16 Jul 2019 19:13
Operator : VA/AP
Sample : K3627-03
Misc : 2.46g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-071519

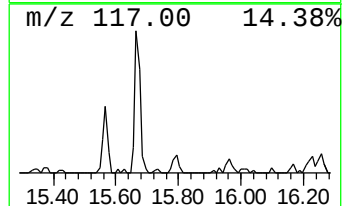
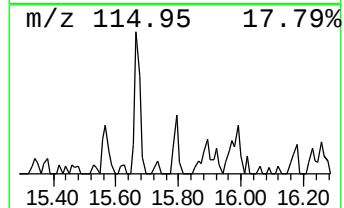
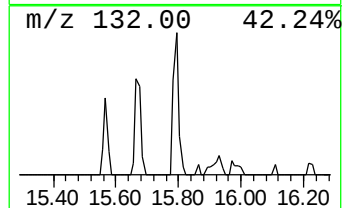
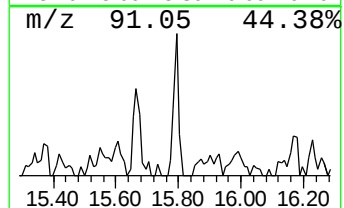
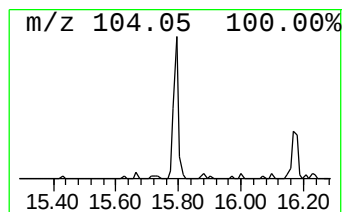
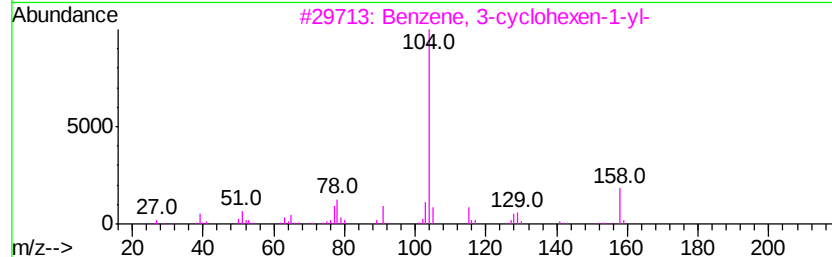
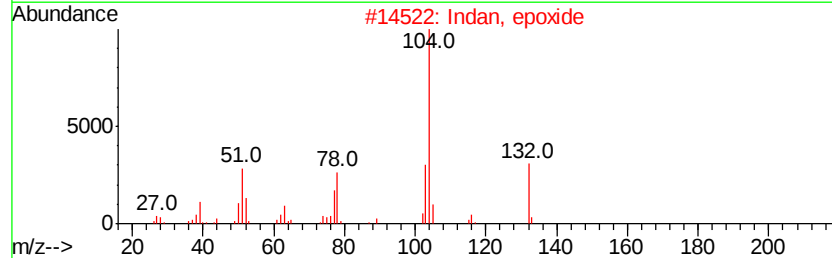
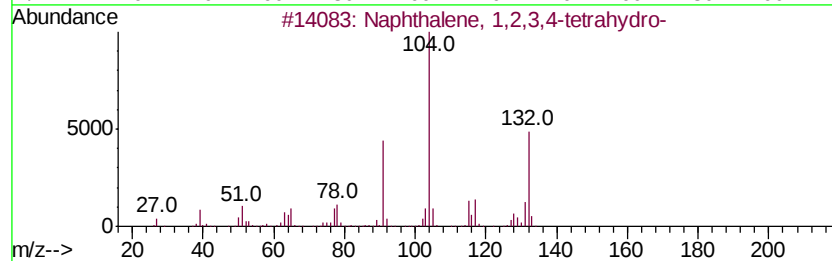
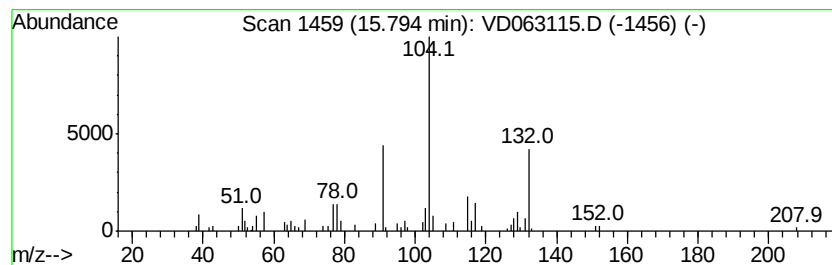
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	16.89 ug/l	132308	1,4-Dichlorobenzene-d4	14.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	87
2		Indan, epoxide	132	C9H8O	000768-22-9	62
3		Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	50
4		2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	46
5		Benzene, cyclobutyl-	132	C10H12	004392-30-7	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071619\
Data File : VD063115.D
Acq On : 16 Jul 2019 19:13
Operator : VA/AP
Sample : K3627-03
Misc : 2.46g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-071519

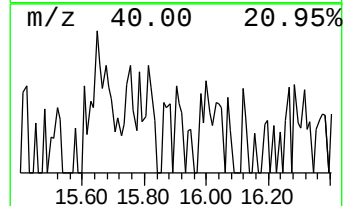
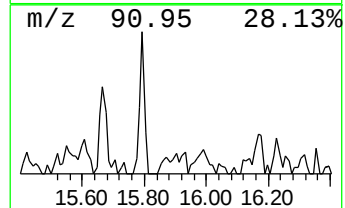
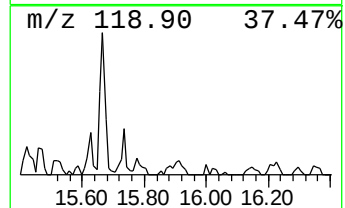
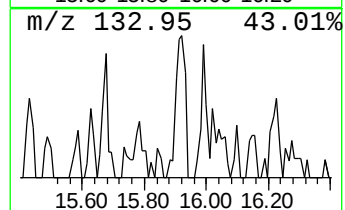
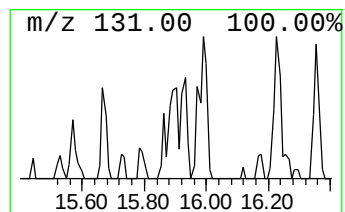
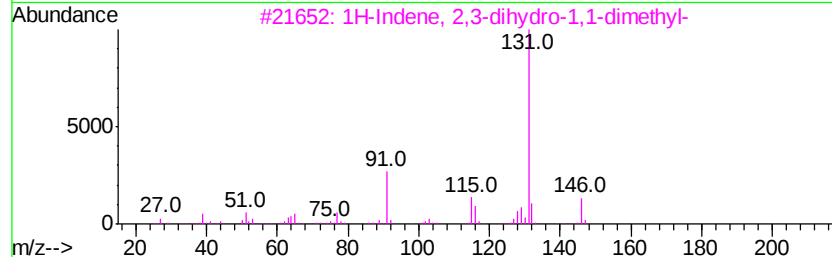
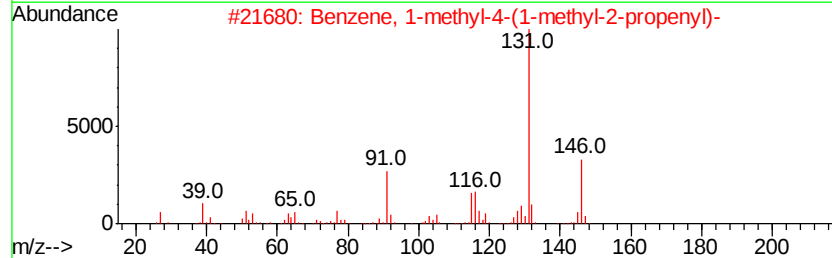
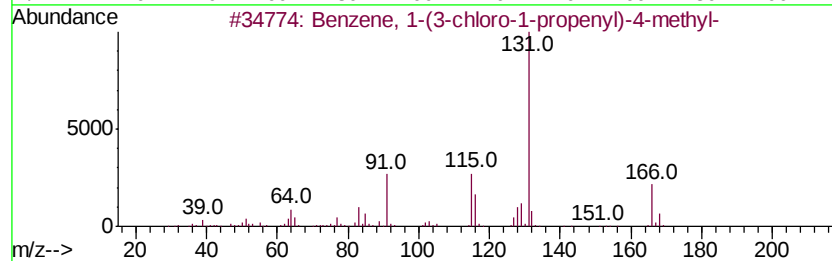
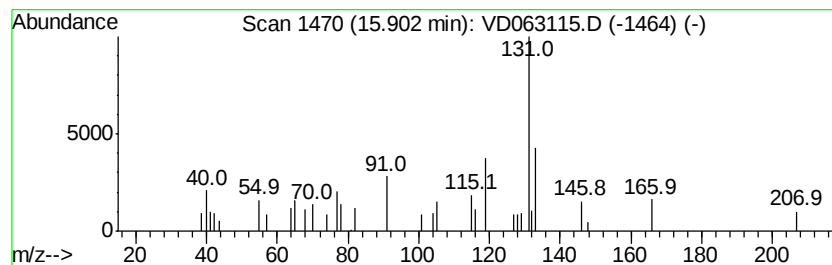
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown15.90 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	9.58 ug/l	75000	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-(3-chloro-1-propenyl)...	166	C10H11Cl	1000327-36-5	49
2		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	47
3		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	46
4		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	46
5		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071619\
Data File : VD063115.D
Acq On : 16 Jul 2019 19:13
Operator : VA/AP
Sample : K3627-03
Misc : 2.46g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-071519

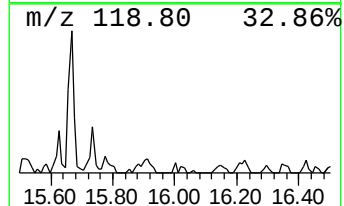
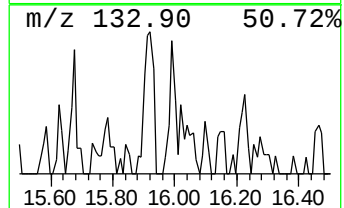
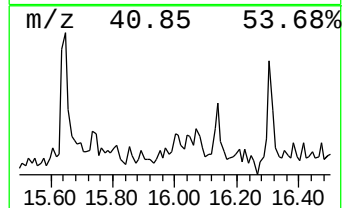
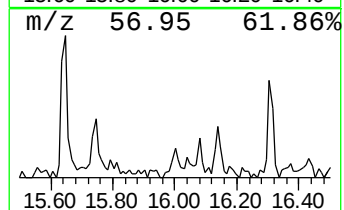
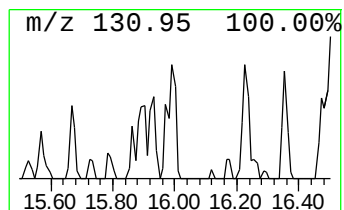
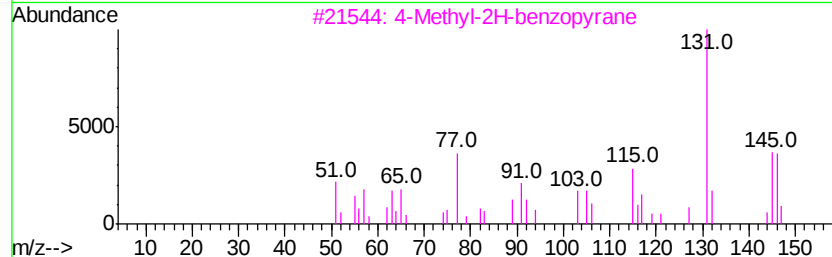
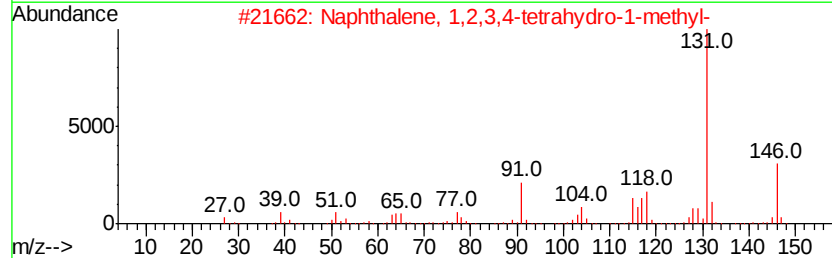
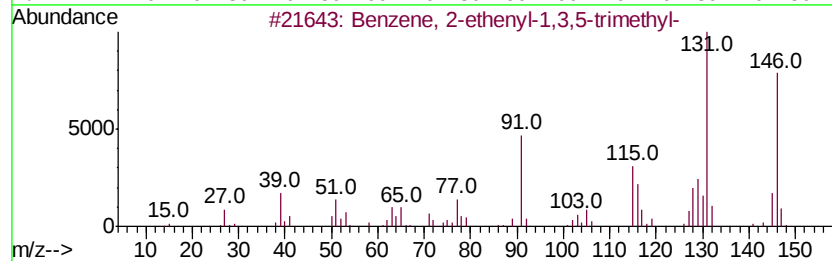
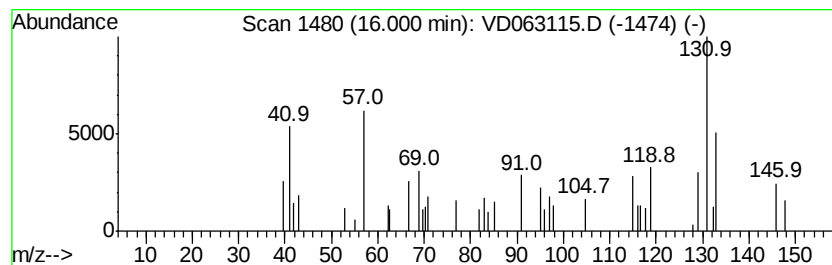
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown16.00 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	11.81 ug/l	92506	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	27
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	27
3		4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	25
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	22
5		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071619\
Data File : VD063115.D
Acq On : 16 Jul 2019 19:13
Operator : VA/AP
Sample : K3627-03
Misc : 2.46g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-071519

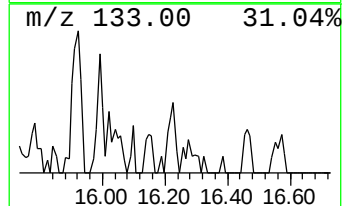
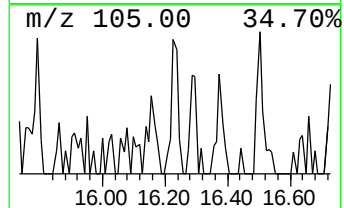
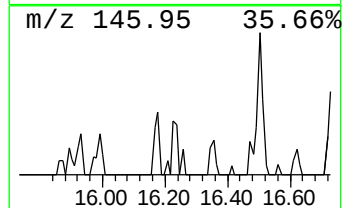
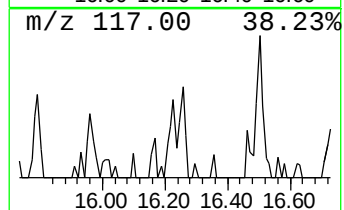
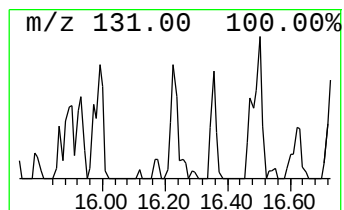
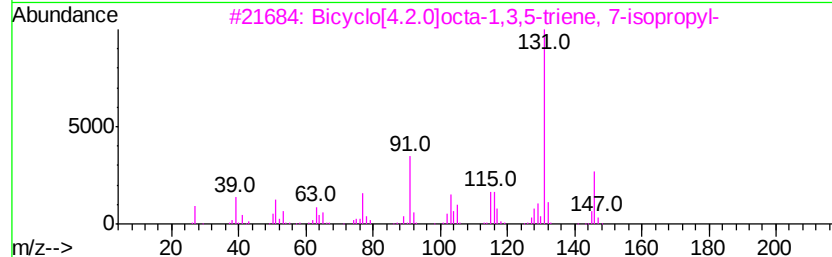
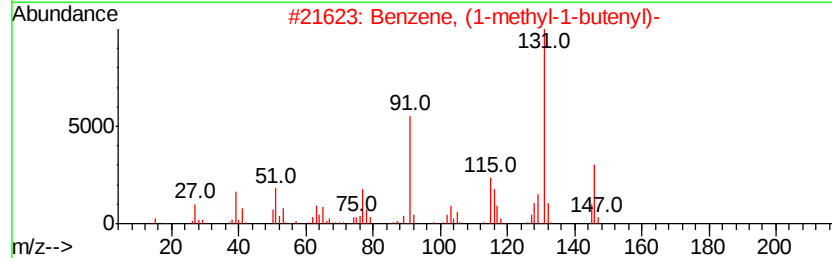
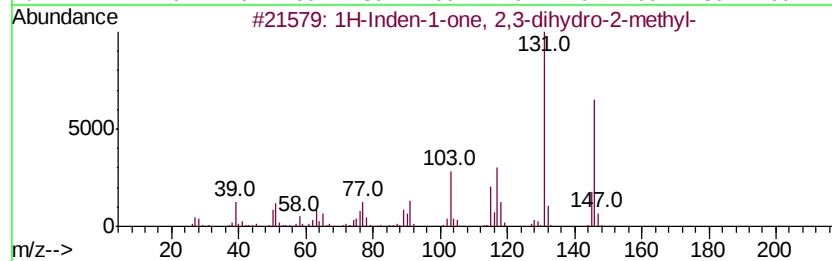
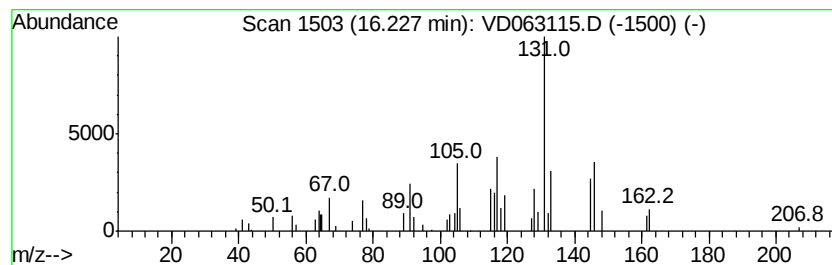
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown16.23 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	11.46 ug/l	89786	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-2-methyl-	146	C10H10O	017496-14-9	49
2		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	45
3		Bicyclo[4.2.0]octa-1,3,5-triene, 7-isopropyl-	146	C11H14	027087-54-3	45
4		Naphthalene, 1,2,3,4-tetrahydro-	146	C11H14	001559-81-5	43
5		Benzene, 1-methyl-4-(1-methyl-2-propenyl)-	146	C11H14	097664-18-1	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071619\
Data File : VD063115.D
Acq On : 16 Jul 2019 19:13
Operator : VA/AP
Sample : K3627-03
Misc : 2.46g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

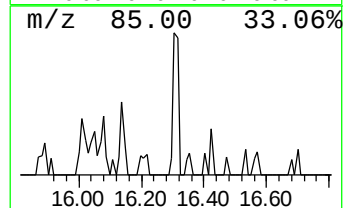
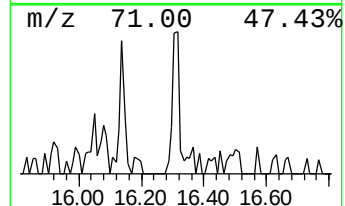
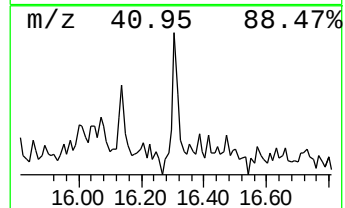
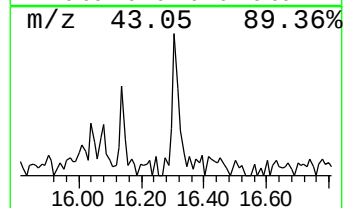
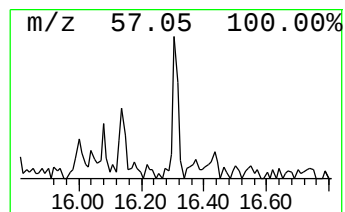
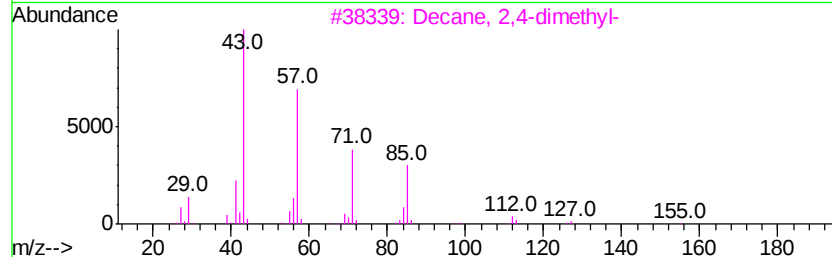
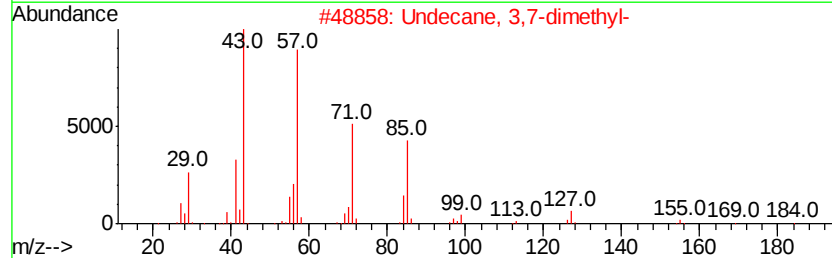
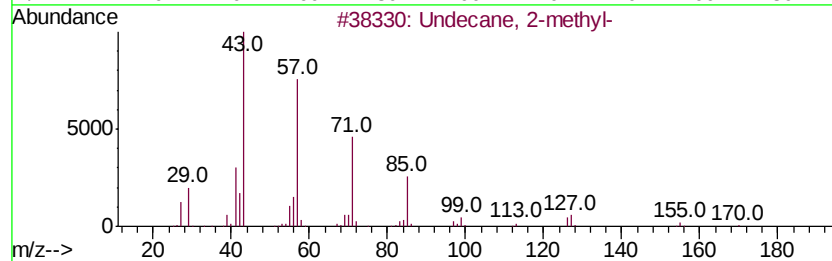
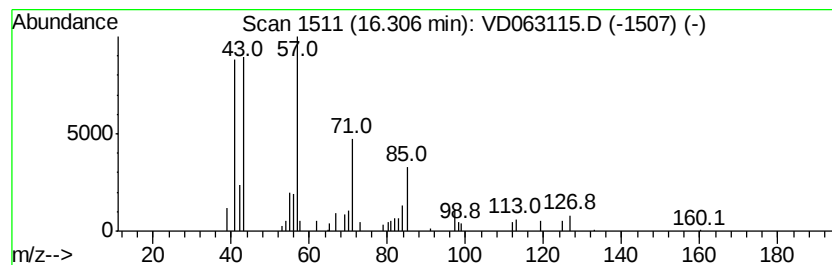
Instrument :
MSVOA_D
ClientSampleId :
TR-04-071519

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Undecane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	12.96 ug/l	101517	1,4-Dichlorobenzene-d4	14.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 2-methyl-	170 C12H26	007045-71-8	59
2	Undecane, 3,7-dimethyl-	184 C13H28	017301-29-0	59
3	Decane, 2,4-dimethyl-	170 C12H26	002801-84-5	59
4	1-Iodo-2-methylnonane	268 C10H21I	1000101-47-9	53
5	Decane, 3,6-dimethyl-	170 C12H26	017312-53-7	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071619\
Data File : VD063115.D
Acq On : 16 Jul 2019 19:13
Operator : VA/AP
Sample : K3627-03
Misc : 2.46g/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

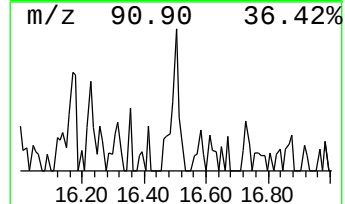
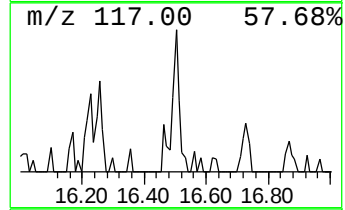
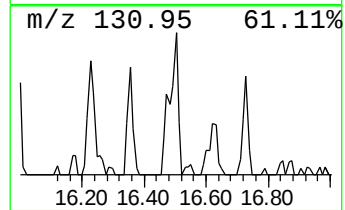
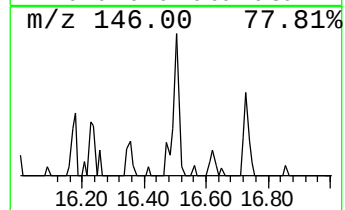
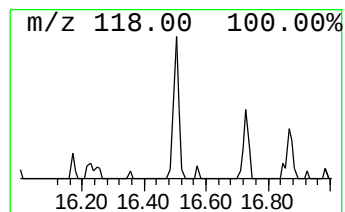
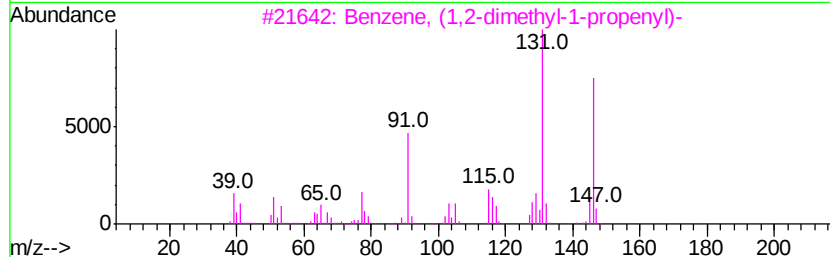
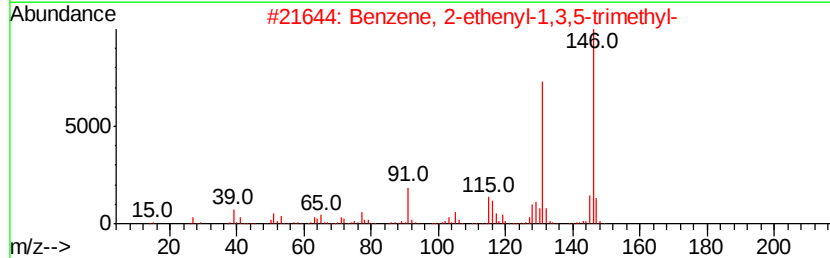
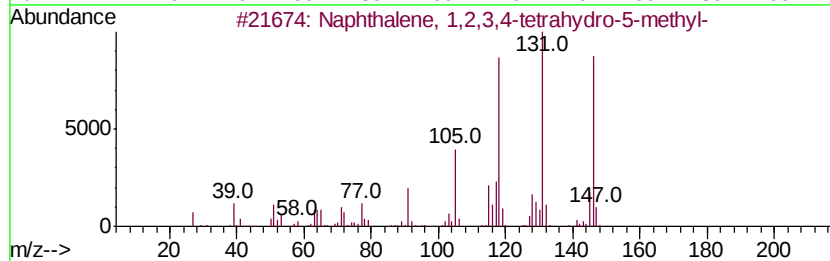
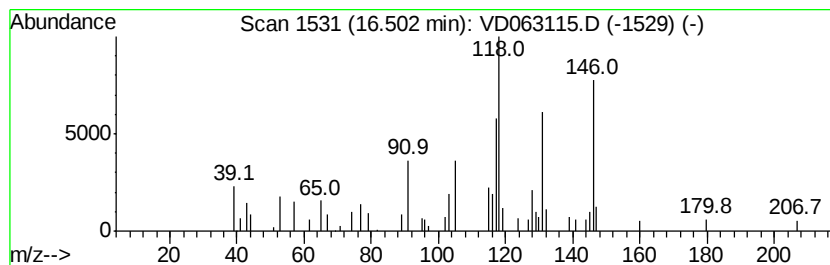
Instrument :
MSVOA_D
ClientSampled :
TR-04-071519

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.50	11.55 ug/l	90461	1,4-Dichlorobenzene-d4	14.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	55
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	52
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD071619\
Data File : VD063115.D
Acq On : 16 Jul 2019 19:13
Operator : VA/AP
Sample : K3627-03
Misc : 2.46g/5ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-071519

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown15.42	15.42	10.6	ug/l	83301	4	14.51	391587	50.0
Dodecane	15.65	17.2	ug/l	134388	4	14.51	391587	50.0
3-Phenylbut-1-ene	15.67	20.8	ug/l	163043	4	14.51	391587	50.0
Naphthalene, 1,2,...	15.79	16.9	ug/l	132308	4	14.51	391587	50.0
unknown15.90	15.90	9.6	ug/l	75000	4	14.51	391587	50.0
unknown16.00	16.00	11.8	ug/l	92506	4	14.51	391587	50.0
unknown16.23	16.23	11.5	ug/l	89786	4	14.51	391587	50.0
Undecane, 2-methyl-	16.31	13.0	ug/l	101517	4	14.51	391587	50.0
Naphthalene, 1,2,...	16.50	11.6	ug/l	90461	4	14.51	391587	50.0