

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070219\
 Data File : VD063006.D
 Acq On : 2 Jul 2019 17:00
 Operator : VA/AP
 Sample : K3618-01
 Misc : 6.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-070219

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\82D061919S.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	1.493	3	7	27	rVB	681903	2287687	70.77%	6.872%
2	1.847	39	43	49	rBV	238823	348382	10.78%	1.046%
3	2.645	120	124	127	rBV5	14320	38506	1.19%	0.116%
4	3.235	180	184	197	rVB	25661	81154	2.51%	0.244%
5	3.826	236	244	252	rBV3	60482	183348	5.67%	0.551%
6	4.230	280	285	291	rBV3	11166	34620	1.07%	0.104%
7	4.712	327	334	340	rBV4	17371	57874	1.79%	0.174%
8	6.937	551	560	567	rBV	577562	1652705	51.13%	4.964%
9	7.055	567	572	591	rVB	996922	2874169	88.92%	8.633%
10	7.459	606	613	625	rBV	403466	1120772	34.67%	3.367%
11	8.236	685	692	710	rBV	1211896	3149045	97.42%	9.459%
12	10.422	908	914	920	rBV	1245694	2826467	87.44%	8.490%
13	10.520	920	924	933	rVB	169761	386408	11.95%	1.161%
14	10.796	948	952	958	rVB3	42199	84987	2.63%	0.255%
15	10.943	961	967	972	rVB3	22521	54642	1.69%	0.164%
16	11.249	990	998	1004	rBV5	11383	34559	1.07%	0.104%
17	11.495	1019	1023	1027	rBV2	19472	40007	1.24%	0.120%
18	11.642	1034	1038	1040	rBV3	21065	44420	1.37%	0.133%
19	11.682	1040	1042	1046	rVV3	18605	44857	1.39%	0.135%
20	11.761	1046	1050	1054	rVV	64112	134599	4.16%	0.404%
21	11.839	1054	1058	1063	rVV2	54745	107659	3.33%	0.323%
22	12.076	1078	1082	1084	rBV2	25609	48324	1.49%	0.145%
23	12.125	1084	1087	1090	rVV2	36979	76200	2.36%	0.229%
24	12.184	1090	1093	1098	rVB3	48451	107632	3.33%	0.323%
25	12.322	1103	1107	1109	rVV	38857	79850	2.47%	0.240%
26	12.371	1109	1112	1119	rVV	1964670	3232442	100.00%	9.710%
27	12.469	1119	1122	1125	rVV	28252	51121	1.58%	0.154%
28	12.528	1125	1128	1134	rVV	73271	141443	4.38%	0.425%
29	12.666	1136	1142	1148	rVV	425340	824469	25.51%	2.477%
30	12.745	1148	1150	1156	rVV2	102194	178578	5.52%	0.536%
31	13.011	1173	1177	1179	rBV3	28089	64391	1.99%	0.193%
32	13.050	1179	1181	1185	rVB	129550	205870	6.37%	0.618%
33	13.227	1194	1199	1202	rBV3	45399	87322	2.70%	0.262%
34	13.316	1202	1208	1213	rVV3	36051	76235	2.36%	0.229%

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35	13.405	1213	1217	1220	rVB	25664	40361	1.25%	0.121%
36	13.562	1229	1233	1241	rVB	1590395	2100826	64.99%	6.310%
37	13.720	1246	1249	1252	rVB	31907	49533	1.53%	0.149%
38	13.857	1258	1263	1265	rBV	150485	238662	7.38%	0.717%
39	13.887	1265	1266	1268	rVB	57864	46440	1.44%	0.139%
40	13.936	1268	1271	1274	rBV	185340	242821	7.51%	0.729%
41	14.094	1284	1287	1293	rBV	84238	134703	4.17%	0.405%
42	14.241	1299	1302	1305	rBV	233148	259333	8.02%	0.779%
43	14.291	1305	1307	1310	rVB	52477	66017	2.04%	0.198%
44	14.448	1320	1323	1325	rBV2	29766	42179	1.30%	0.127%
45	14.527	1327	1331	1333	rVV	1799323	2545089	78.74%	7.645%
46	14.566	1333	1335	1338	rVB	248118	302329	9.35%	0.908%
47	14.714	1346	1350	1352	rBV	124649	175391	5.43%	0.527%
48	14.783	1354	1357	1359	rBV	116209	140226	4.34%	0.421%
49	14.980	1375	1377	1378	rBV	49903	64080	1.98%	0.192%
50	15.009	1378	1380	1382	rVV	69824	92706	2.87%	0.278%
51	15.058	1382	1385	1387	rVB	112508	129610	4.01%	0.389%
52	15.147	1391	1394	1396	rVV	88035	137260	4.25%	0.412%
53	15.186	1396	1398	1400	rVV2	50009	55982	1.73%	0.168%
54	15.236	1400	1403	1404	rVB2	24195	33471	1.04%	0.101%
55	15.275	1404	1407	1410	rBV2	42108	70353	2.18%	0.211%
56	15.354	1412	1415	1416	rVV	108413	144710	4.48%	0.435%
57	15.383	1416	1418	1421	rVV	269386	293338	9.07%	0.881%
58	15.432	1421	1423	1425	rVB2	47649	58023	1.80%	0.174%
59	15.472	1425	1427	1432	rVB2	58321	109872	3.40%	0.330%
60	15.580	1432	1438	1442	rVB3	55948	97137	3.01%	0.292%
61	15.679	1445	1448	1452	rBV	469397	631896	19.55%	1.898%
62	15.738	1452	1454	1457	rVB3	62346	83367	2.58%	0.250%
63	15.807	1457	1461	1464	rVB	446875	644429	19.94%	1.936%
64	15.935	1464	1474	1476	rBV3	91098	305761	9.46%	0.918%
65	16.003	1476	1481	1483	rVB2	107410	156276	4.83%	0.469%
66	16.082	1487	1489	1491	rBV	66085	95392	2.95%	0.287%
67	16.112	1491	1492	1495	rVB3	42406	44540	1.38%	0.134%
68	16.230	1500	1504	1506	rVV3	88014	142179	4.40%	0.427%
69	16.269	1506	1508	1510	rVB2	35191	40130	1.24%	0.121%
70	16.358	1515	1517	1520	rVV	94414	145331	4.50%	0.437%
71	16.427	1520	1524	1526	rVV4	47873	121248	3.75%	0.364%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	16.506	1526	1532	1534	rVV4	106296	310571	9.61%	0.933%
73	16.535	1534	1535	1537	rVV2	59584	67452	2.09%	0.203%
74	16.584	1537	1540	1543	rVV2	105071	217175	6.72%	0.652%
75	16.633	1543	1545	1548	rVV	62855	92980	2.88%	0.279%
76	16.732	1552	1555	1558	rVB2	28355	46941	1.45%	0.141%
77	16.791	1558	1561	1565	rVB3	17542	42774	1.32%	0.128%
78	16.870	1565	1569	1572	rBV	70348	100095	3.10%	0.301%
79	16.919	1572	1574	1577	rVB	69831	77727	2.40%	0.233%
80	17.057	1585	1588	1592	rBV	1054865	1494051	46.22%	4.488%

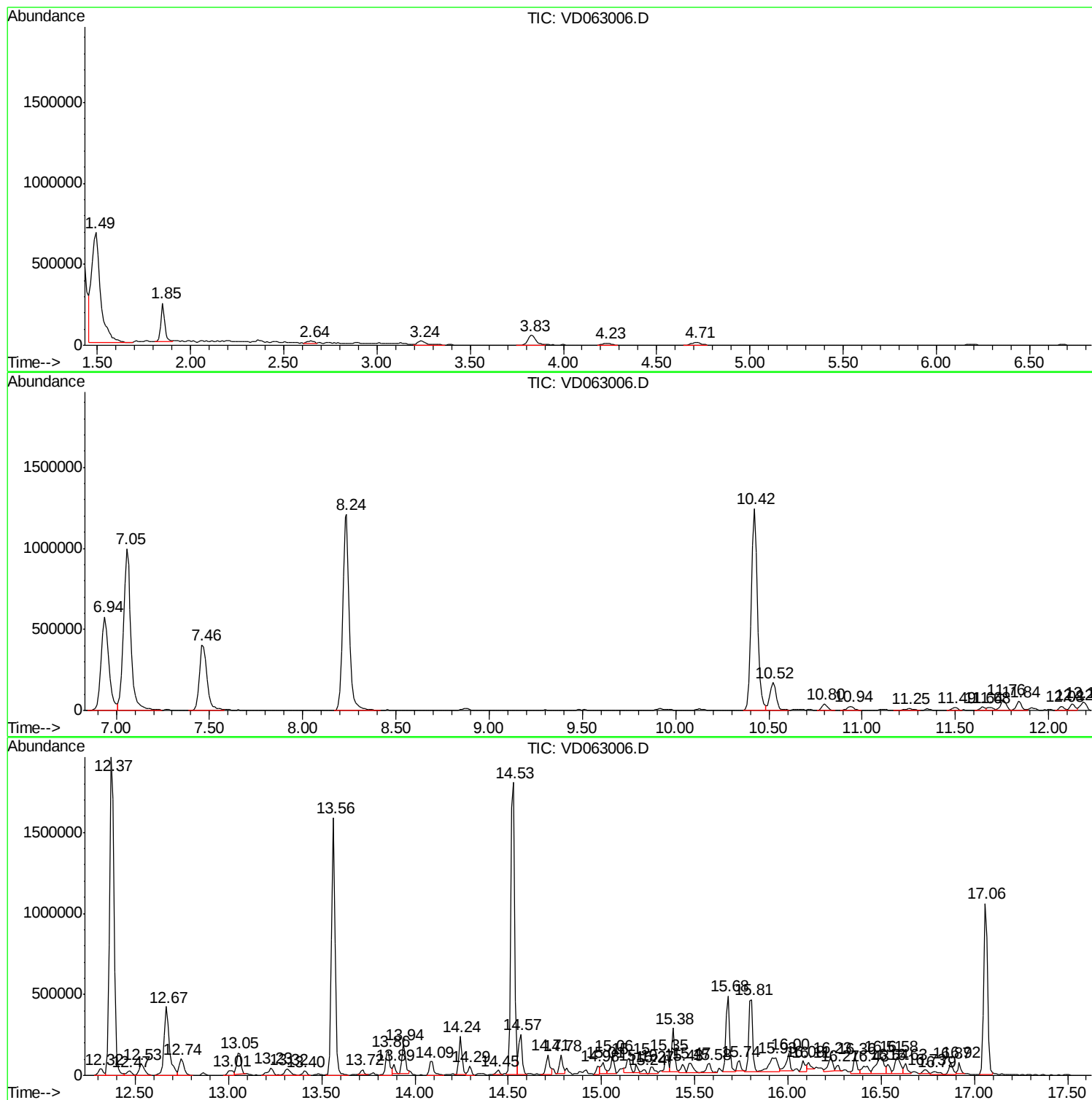
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

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



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Instrument :
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ClientSampleId :
HD-01-070219

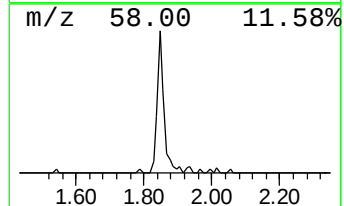
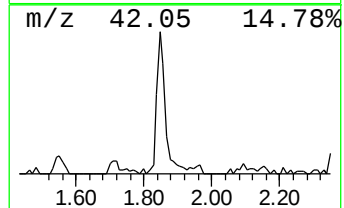
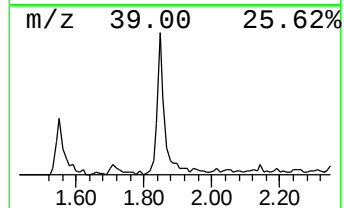
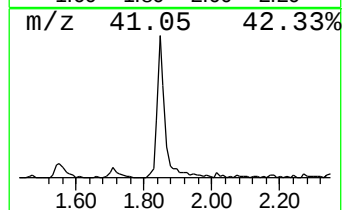
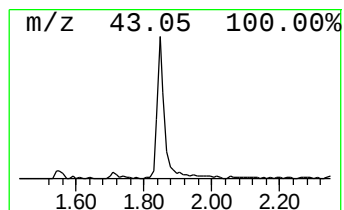
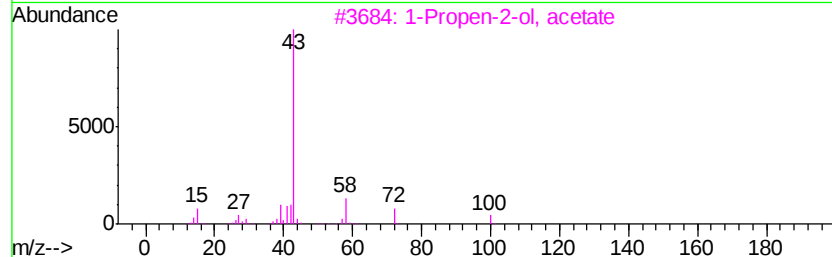
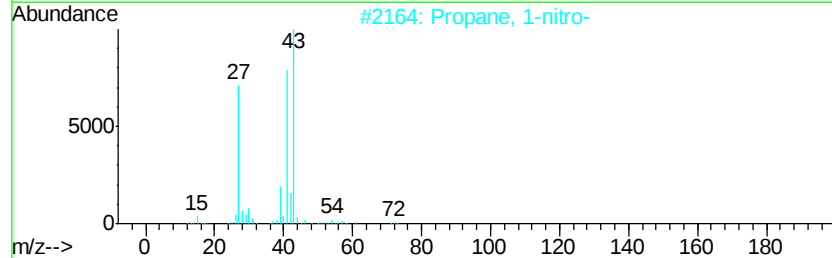
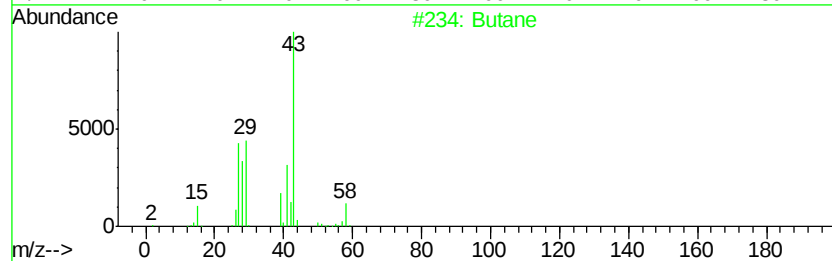
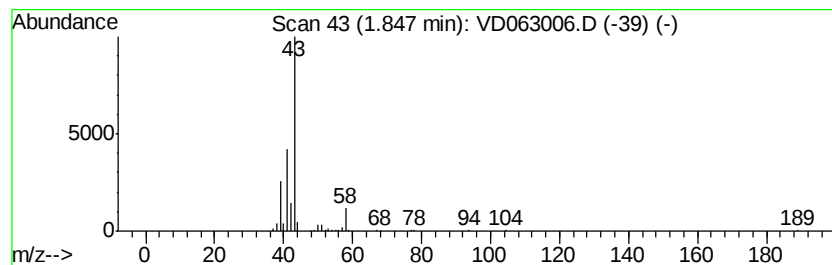
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

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

Peak Number 2 Butane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.85	6.06 ug/l	348382	Pentafluorobenzene	7.05

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane		58	C4H10	000106-97-8	59
2	Propane, 1-nitro-		89	C3H7NO2	000108-03-2	28
3	1-Propen-2-ol, acetate		100	C5H8O2	000108-22-5	9
4	2-Propanone, 1-chloro-		92	C3H5ClO	000078-95-5	9
5	Propane, 2-nitro-		89	C3H7NO2	000079-46-9	9



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ALS Vial : 8 Sample Multiplier: 1

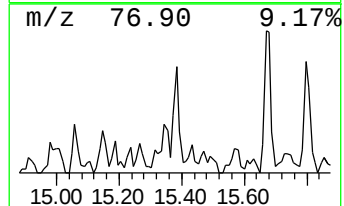
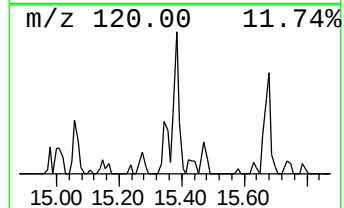
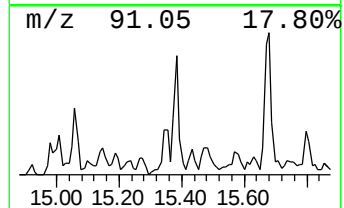
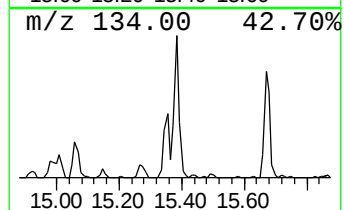
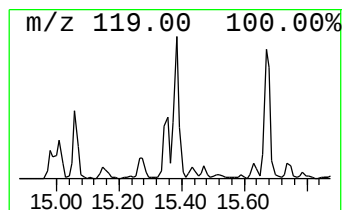
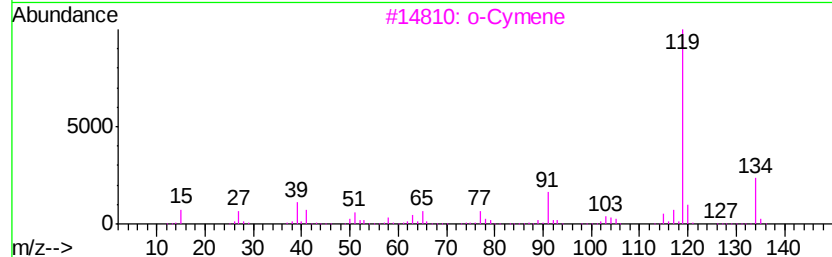
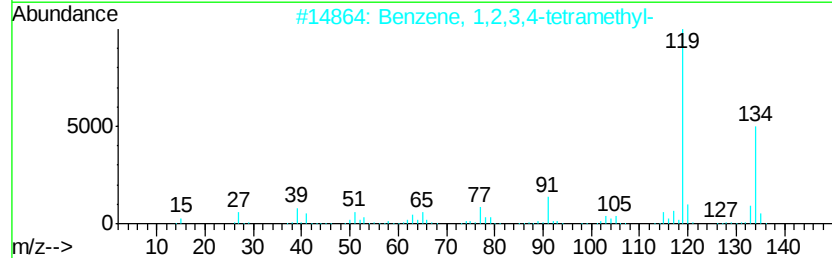
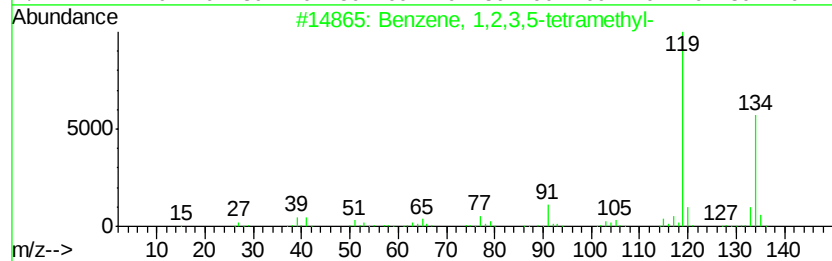
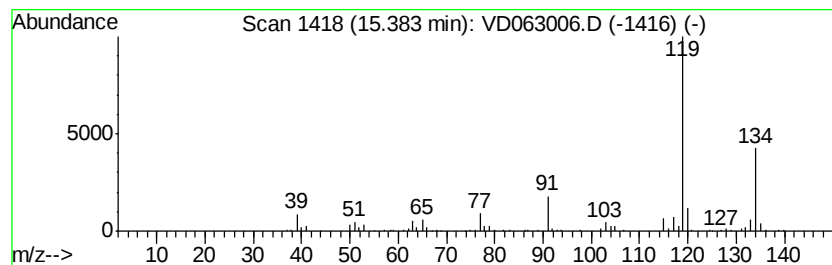
Instrument :
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ClientSampleId :
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Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.38	5.76 ug/l	293338	1,4-Dichlorobenzene-d4	14.53		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94	
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	92	
3	o-Cymene	134	C10H14	000527-84-4	91	
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91	
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91	



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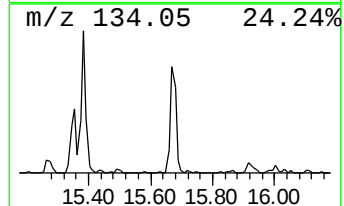
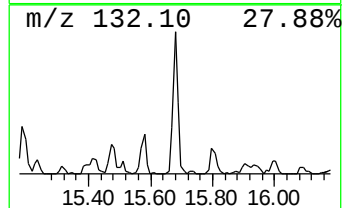
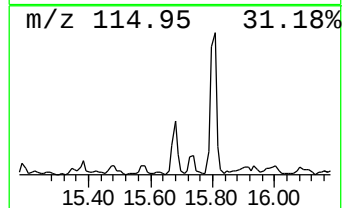
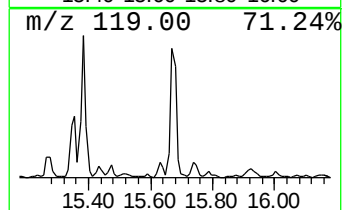
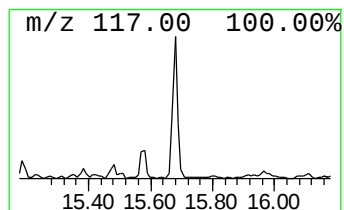
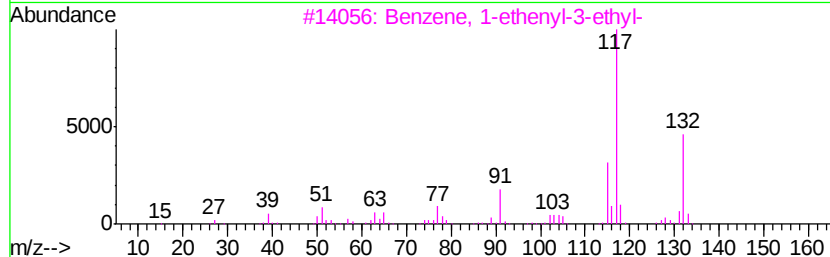
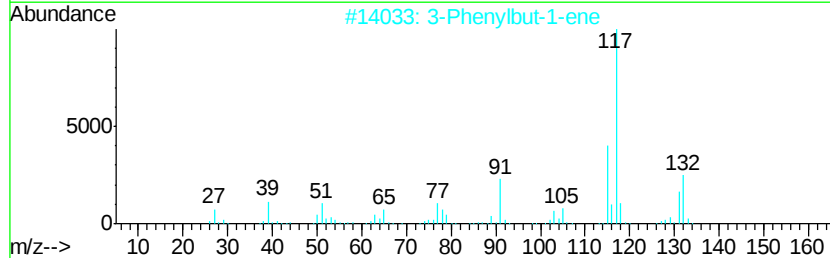
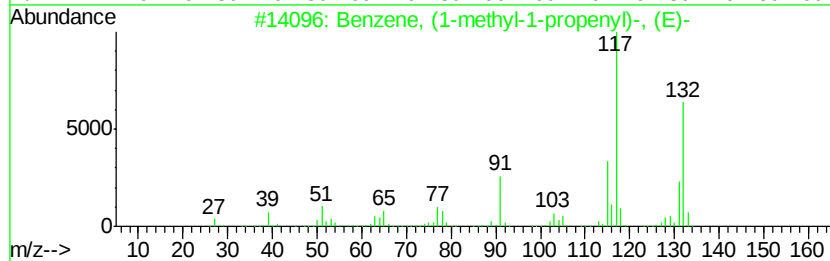
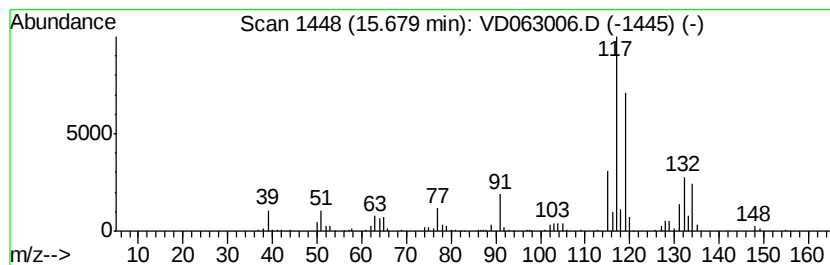
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, (1-methyl-1-propen... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	12.41 ug/l	631896	1,4-Dichlorobenzene-d4	14.53

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	70
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	58



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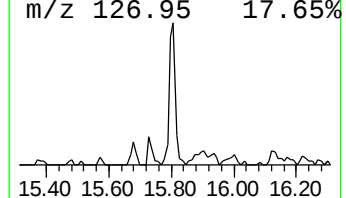
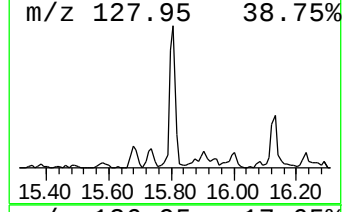
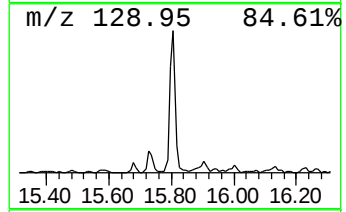
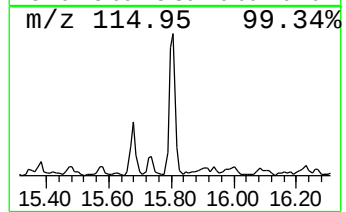
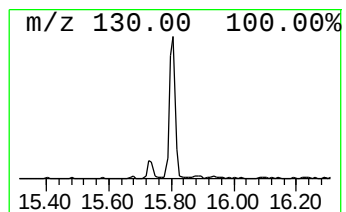
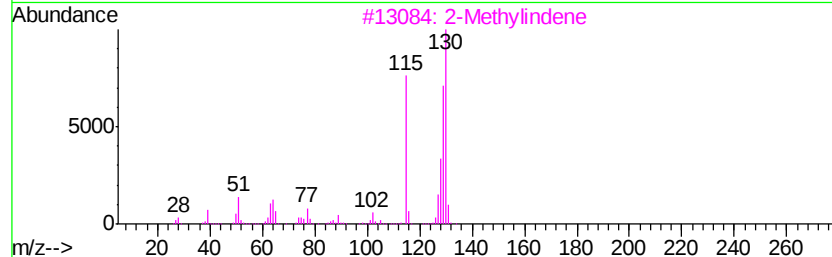
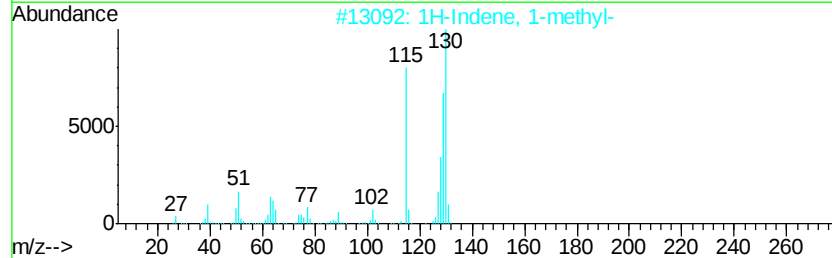
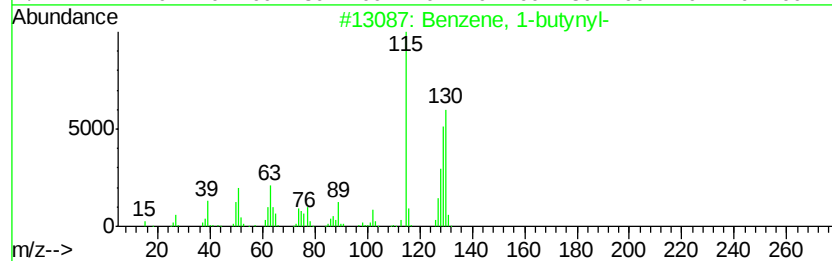
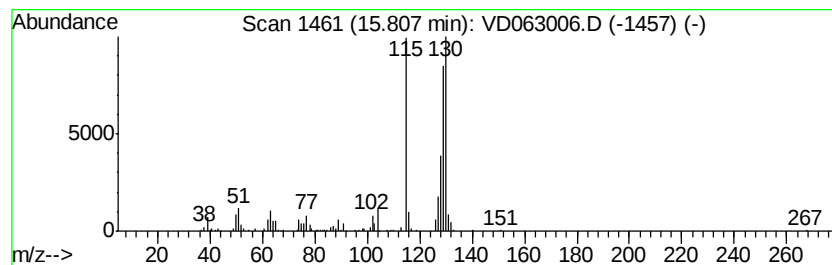
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-butynyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	12.66 ug/l	644429	1,4-Dichlorobenzene-d4	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
2		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90
3		2-Methylindene	130	C10H10	002177-47-1	86
4		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	83
5		Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070219\
Data File : VD063006.D
Acq On : 2 Jul 2019 17:00
Operator : VA/AP
Sample : K3618-01
Misc : 6.00g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HD-01-070219

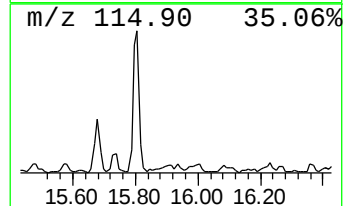
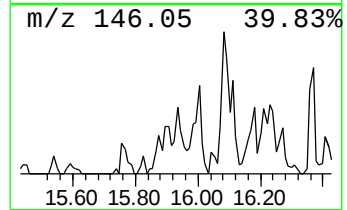
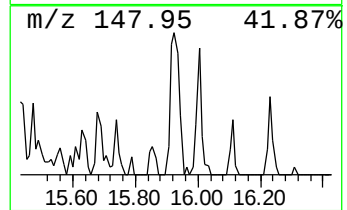
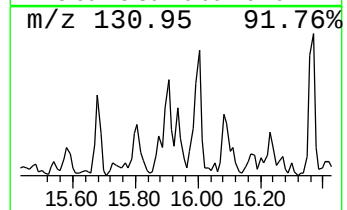
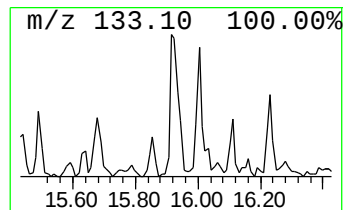
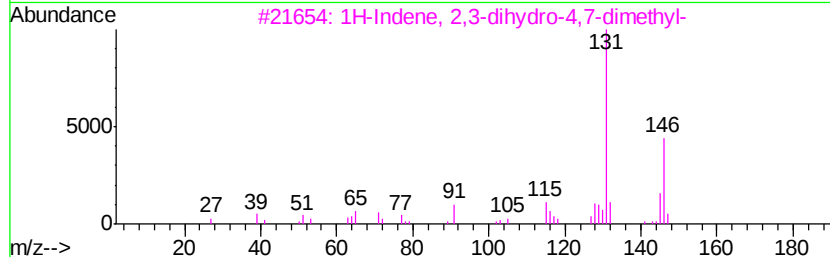
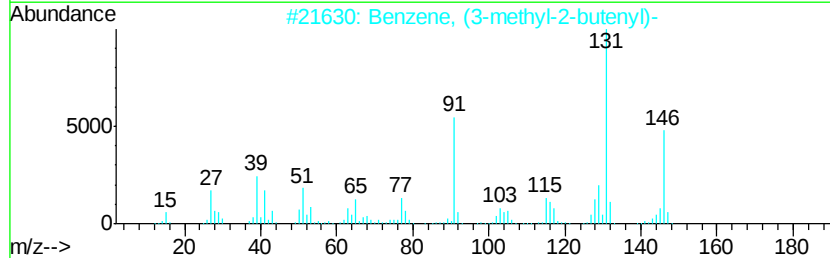
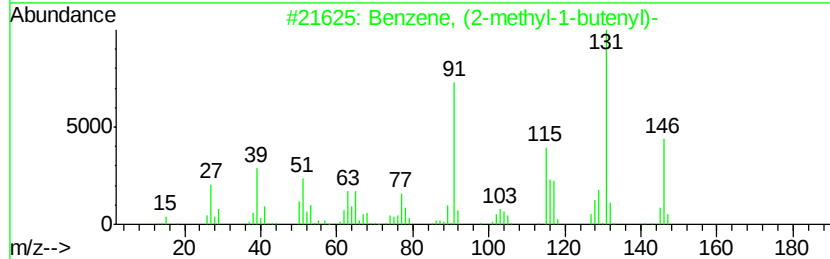
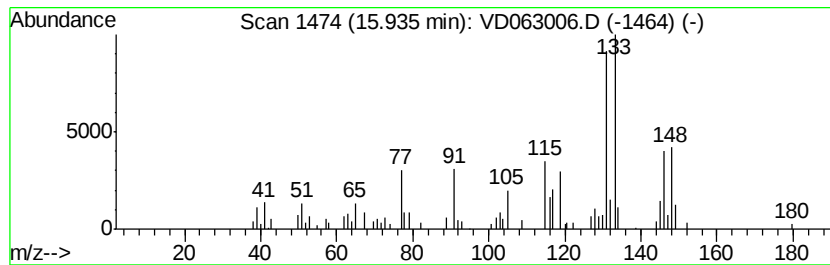
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	6.01 ug/l	305761	1,4-Dichlorobenzene-d4	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46
3		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
4		1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	45
5		4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	41



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070219\
Data File : VD063006.D
Acq On : 2 Jul 2019 17:00
Operator : VA/AP
Sample : K3618-01
Misc : 6.00g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

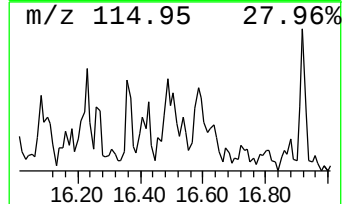
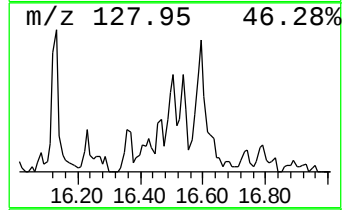
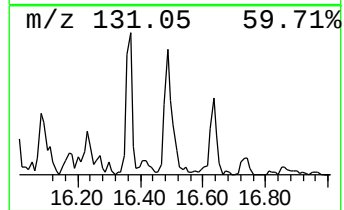
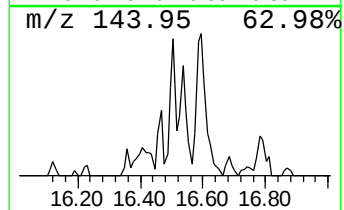
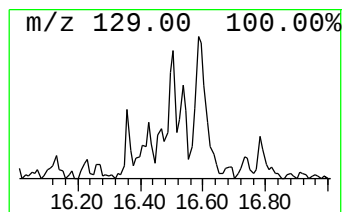
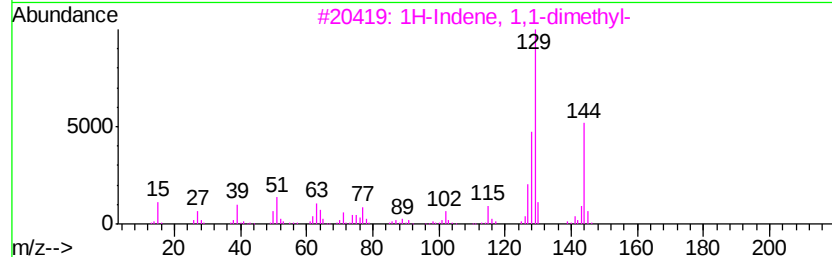
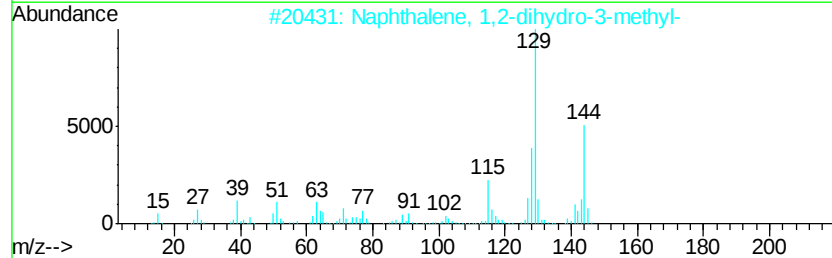
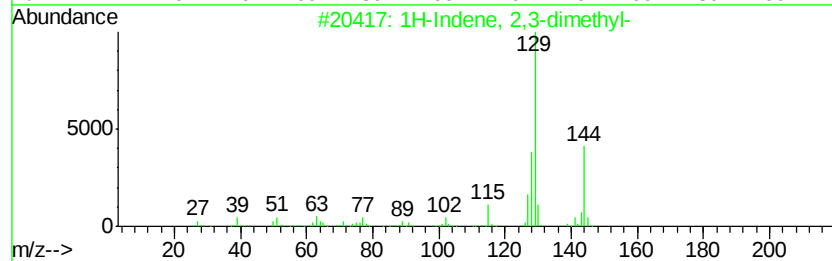
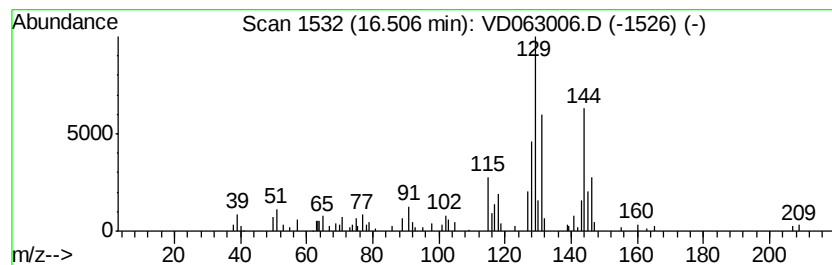
Instrument :
MSVOA_D
ClientSampleId :
HD-01-070219

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.51	6.10 ug/l	310571	1,4-Dichlorobenzene-d4	14.53	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	70
2	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	64
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	62
4	1H-Cyclopropa[bl]naphthalene, 1a,...	144	C11H12	006571-72-8	62
5	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070219\
Data File : VD063006.D
Acq On : 2 Jul 2019 17:00
Operator : VA/AP
Sample : K3618-01
Misc : 6.00g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HD-01-070219

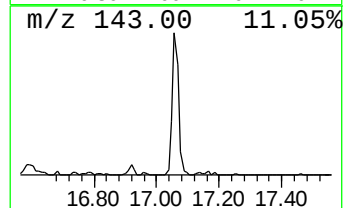
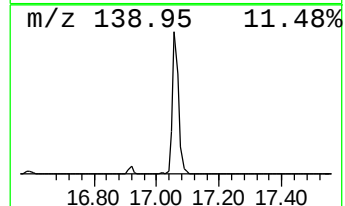
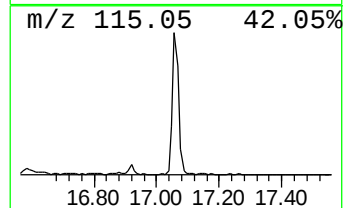
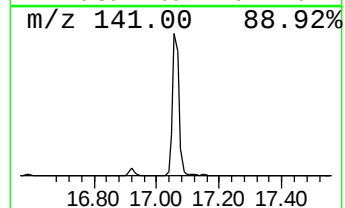
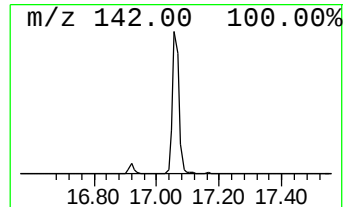
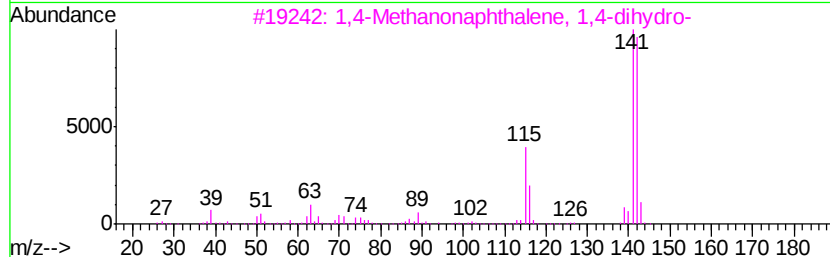
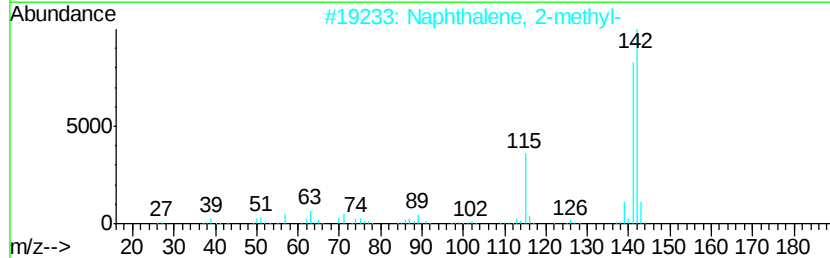
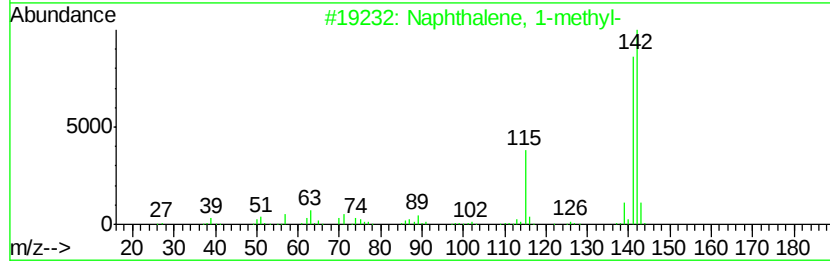
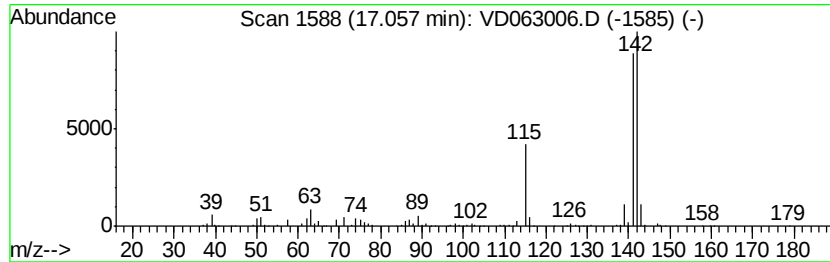
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	29.35 ug/l	1494050	1,4-Dichlorobenzene-d4	14.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD070219\
Data File : VD063006.D
Acq On : 2 Jul 2019 17:00
Operator : VA/AP
Sample : K3618-01
Misc : 6.00g/5ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HD-01-070219

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.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
Butane	1.85	6.1	ug/l	348382	1	7.05	2874170	50.0
Benzene, 1,2,3,5-...	15.38	5.8	ug/l	293338	4	14.53	2545090	50.0
Benzene, (1-methy...	15.68	12.4	ug/l	631896	4	14.53	2545090	50.0
Benzene, 1-butynyl-	15.81	12.7	ug/l	644429	4	14.53	2545090	50.0
Benzene, (2-methy...	15.93	6.0	ug/l	305761	4	14.53	2545090	50.0
1H-Indene, 2,3-di...	16.51	6.1	ug/l	310571	4	14.53	2545090	50.0
Naphthalene, 1-me...	17.06	29.4	ug/l	1494050	4	14.53	2545090	50.0