

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121619\
 Data File : VD064528.D
 Acq On : 16 Dec 2019 17:29
 Operator : VA/SY
 Sample : K6299-01
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SHORE-RD-BH-01

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\82D112719S.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	4.967	505	518	533	rBV6	27796	109729	3.86%	0.491%
2	7.220	891	901	910	rBV2	23170	62739	2.21%	0.281%
3	7.720	974	986	996	rVB4	21284	62080	2.18%	0.278%
4	7.920	1008	1020	1025	rBV	292327	712717	25.06%	3.187%
5	7.985	1025	1031	1039	rVV	539697	1246221	43.82%	5.573%
6	8.067	1039	1045	1054	rVB3	39976	91255	3.21%	0.408%
7	8.191	1057	1066	1073	rBV3	60160	142801	5.02%	0.639%
8	8.332	1078	1090	1103	rVV2	210344	538810	18.95%	2.410%
9	8.467	1103	1113	1119	rVV5	44671	119298	4.19%	0.534%
10	8.538	1119	1125	1130	rVV4	38662	86295	3.03%	0.386%
11	8.597	1130	1135	1144	rVB3	50588	112672	3.96%	0.504%
12	8.867	1172	1181	1194	rBV	786015	1576289	55.43%	7.050%
13	9.091	1213	1219	1226	rBV6	13911	29306	1.03%	0.131%
14	9.355	1249	1264	1269	rBV5	121796	396972	13.96%	1.775%
15	9.402	1269	1272	1280	rVB3	37680	76558	2.69%	0.342%
16	9.538	1290	1295	1301	rBV5	20521	40660	1.43%	0.182%
17	9.626	1301	1310	1320	rVV2	84711	195694	6.88%	0.875%
18	9.773	1327	1335	1342	rBV3	105571	210897	7.42%	0.943%
19	9.920	1354	1360	1364	rVV	50254	86830	3.05%	0.388%
20	9.973	1364	1369	1373	rVV5	43789	86430	3.04%	0.387%
21	10.008	1373	1375	1383	rVB4	38632	65986	2.32%	0.295%
22	10.108	1383	1392	1397	rBV4	76570	202624	7.12%	0.906%
23	10.232	1406	1413	1414	rBV6	22298	34962	1.23%	0.156%
24	10.267	1414	1419	1424	rVB4	49103	93682	3.29%	0.419%
25	10.338	1424	1431	1447	rBV	1432846	2843923	100.00%	12.719%
26	10.467	1447	1453	1455	rBV3	49554	87123	3.06%	0.390%
27	10.508	1455	1460	1462	rBV2	98040	170156	5.98%	0.761%
28	10.632	1470	1481	1484	rBV8	47309	104460	3.67%	0.467%
29	10.679	1484	1489	1495	rVV	175999	313572	11.03%	1.402%
30	10.773	1499	1505	1512	rVV4	126339	295424	10.39%	1.321%
31	10.867	1516	1521	1526	rVB2	50615	89622	3.15%	0.401%
32	10.955	1526	1536	1541	rBV	116693	225453	7.93%	1.008%
33	11.055	1541	1553	1561	rBV8	58695	229560	8.07%	1.027%
34	11.120	1561	1564	1568	rVV3	45668	82231	2.89%	0.368%

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 ClientSampleId :
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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 >
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35	11.161	1568	1571	1573	rVV3	51512	77524	2.73%	0.347%
36	11.196	1573	1577	1580	rVV2	91626	154686	5.44%	0.692%
37	11.243	1580	1585	1591	rVV	293425	536221	18.85%	2.398%
38	11.302	1591	1595	1599	rVV4	44901	70158	2.47%	0.314%
39	11.349	1599	1603	1608	rVB3	98980	175118	6.16%	0.783%
40	11.449	1608	1620	1629	rVB6	127560	363827	12.79%	1.627%
41	11.526	1629	1633	1637	rBV	61013	105306	3.70%	0.471%
42	11.649	1647	1654	1665	rBV	1123674	2042540	71.82%	9.135%
43	11.743	1666	1670	1673	rVV5	50548	96240	3.38%	0.430%
44	11.785	1673	1677	1680	rVV4	65787	107279	3.77%	0.480%
45	11.832	1680	1685	1690	rVB5	79270	158689	5.58%	0.710%
46	11.890	1690	1695	1699	rBV	122031	230280	8.10%	1.030%
47	11.932	1700	1702	1707	rVB3	103665	141731	4.98%	0.634%
48	11.990	1707	1712	1717	rBV6	23471	39226	1.38%	0.175%
49	12.055	1717	1723	1727	rBV4	26003	57616	2.03%	0.258%
50	12.155	1734	1740	1748	rBV3	127679	314136	11.05%	1.405%
51	12.273	1753	1760	1764	rVB4	92851	178534	6.28%	0.798%
52	12.320	1764	1768	1769	rBV3	38807	51602	1.81%	0.231%
53	12.361	1770	1775	1778	rVV2	102671	196209	6.90%	0.878%
54	12.396	1779	1781	1787	rVB	83244	126713	4.46%	0.567%
55	12.532	1800	1804	1806	rBV5	24978	42318	1.49%	0.189%
56	12.638	1815	1822	1831	rVB	966463	1653239	58.13%	7.394%
57	12.714	1831	1835	1842	rVB6	34850	64984	2.29%	0.291%
58	12.802	1842	1850	1857	rVB4	101417	210619	7.41%	0.942%
59	12.879	1857	1863	1868	rBV6	31947	73761	2.59%	0.330%
60	12.955	1870	1876	1883	rBV10	70664	188348	6.62%	0.842%
61	13.014	1883	1886	1892	rVB5	28668	41678	1.47%	0.186%
62	13.149	1905	1909	1913	rBV6	17525	28630	1.01%	0.128%
63	13.196	1913	1917	1927	rVB9	56918	133466	4.69%	0.597%
64	13.408	1949	1953	1955	rBV5	18999	29655	1.04%	0.133%
65	13.479	1955	1965	1969	rVV9	44265	139865	4.92%	0.626%
66	13.585	1975	1983	1992	rVB	1145657	1901441	66.86%	8.504%
67	13.908	2033	2038	2043	rBV5	48800	87912	3.09%	0.393%
68	14.108	2070	2072	2080	rVB7	26971	52006	1.83%	0.233%
69	14.237	2087	2094	2100	rBV9	21404	46018	1.62%	0.206%
70	14.426	2120	2126	2130	rBV9	16358	28955	1.02%	0.129%
71	14.843	2191	2197	2203	rBV10	11354	35405	1.24%	0.158%

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ClientSampleId :
SHORE-RD-BH-01

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

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Peak separation: 5

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72	15.067	2222	2235	2251	rBV3	246670	892094	31.37%	3.990%
73	15.414	2288	2294	2300	rBV	78599	151986	5.34%	0.680%
74	15.490	2302	2307	2316	rVB7	17054	41552	1.46%	0.186%
75	15.790	2347	2358	2371	rBV	58270	217944	7.66%	0.975%
76	16.514	2473	2481	2490	rVB	76934	161879	5.69%	0.724%
77	16.720	2509	2516	2524	rVB2	37790	89542	3.15%	0.400%

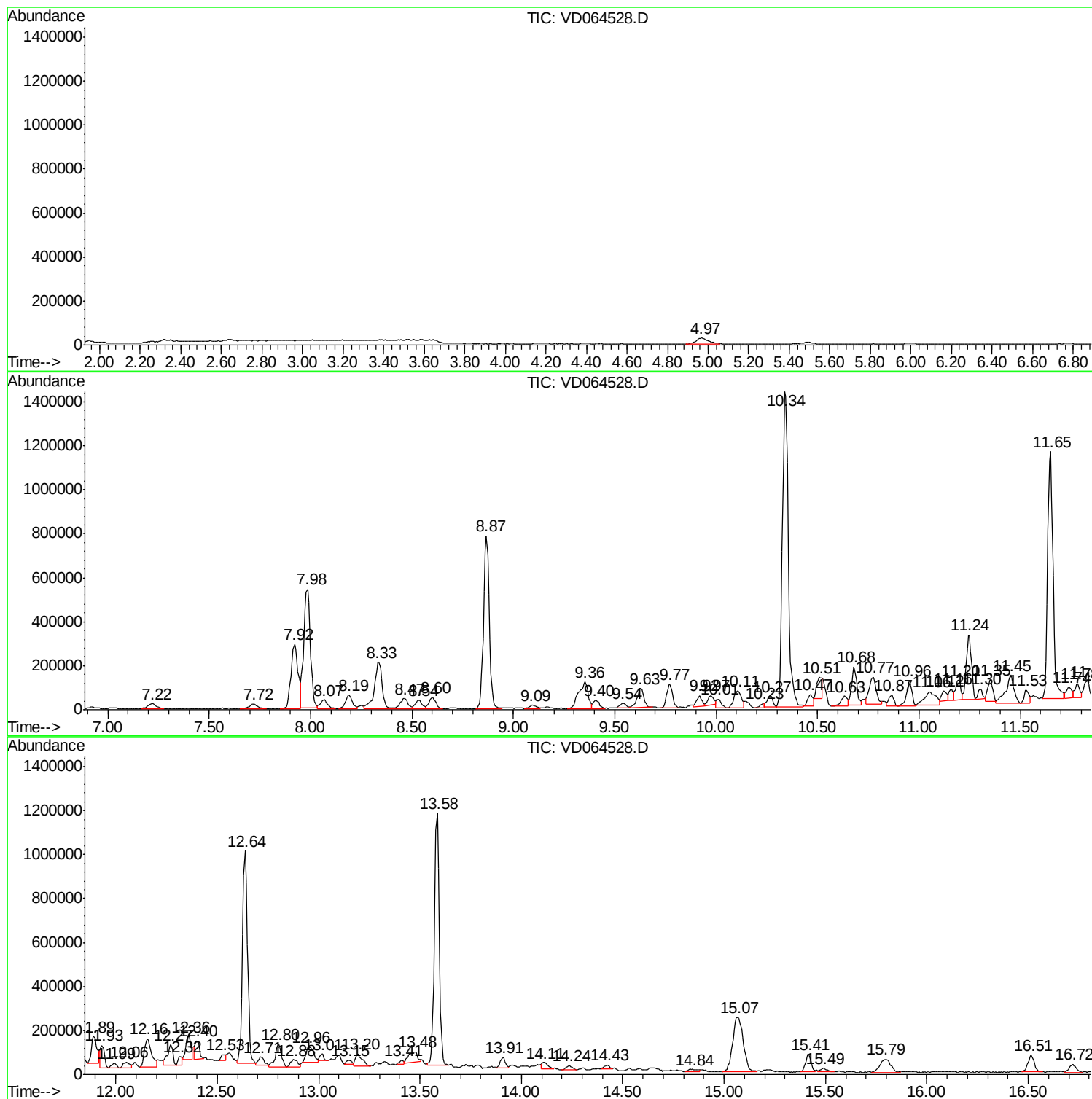
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Instrument :
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ClientSampleId :
SHORE-RD-BH-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121619\
Data File : VD064528.D
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Instrument :
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SHORE-RD-BH-01

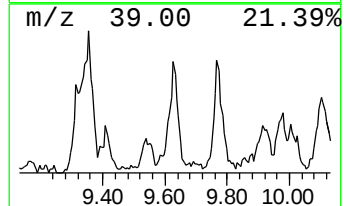
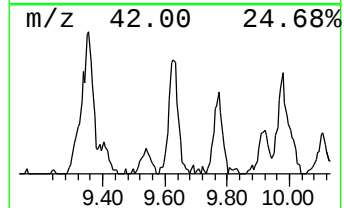
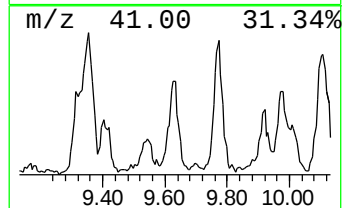
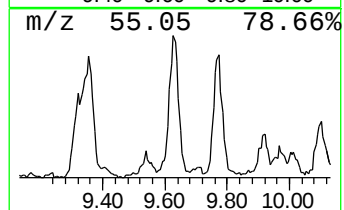
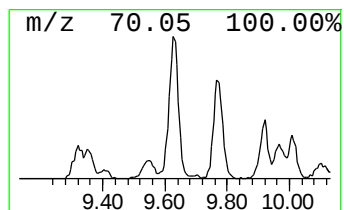
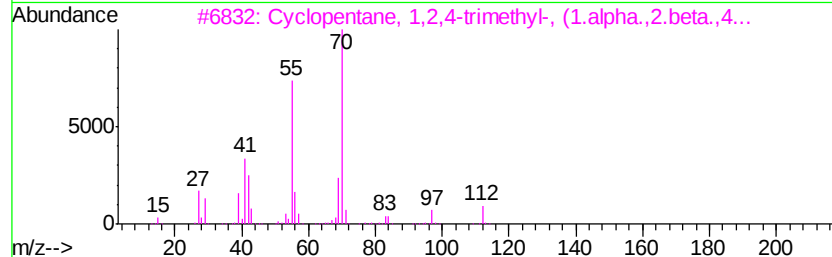
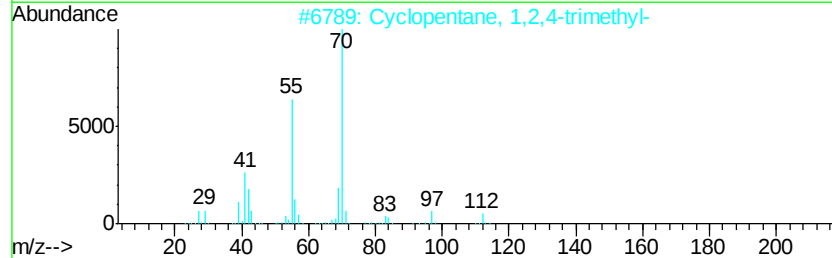
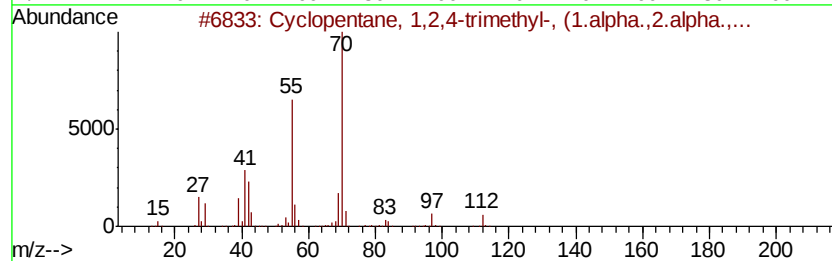
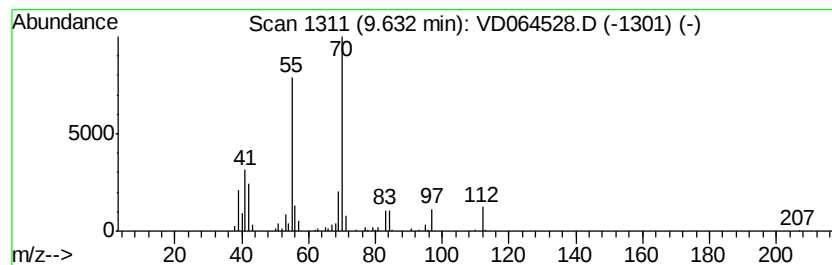
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclopentane, 1,2,4-trimeth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	6.21 ug/l	195694	1,4-Difluorobenzene	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	87
2		Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	83
3		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	80
4		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	72
5		Cyclobutanone, 2,3,3,4-tetramethyl-	126	C8H14O	053907-62-3	64



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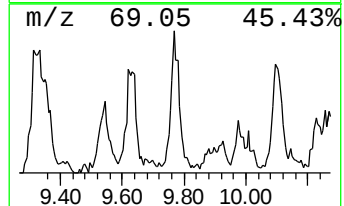
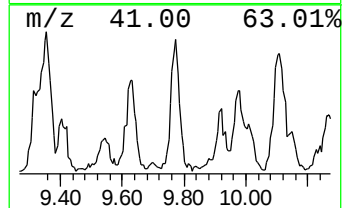
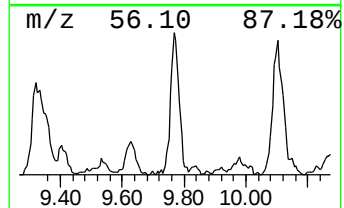
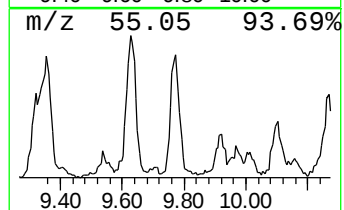
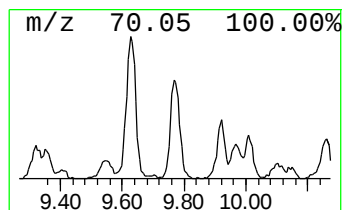
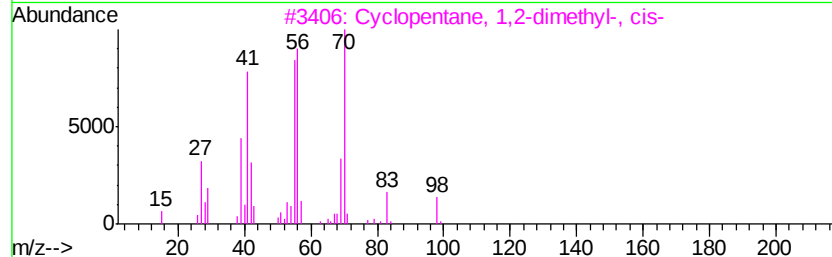
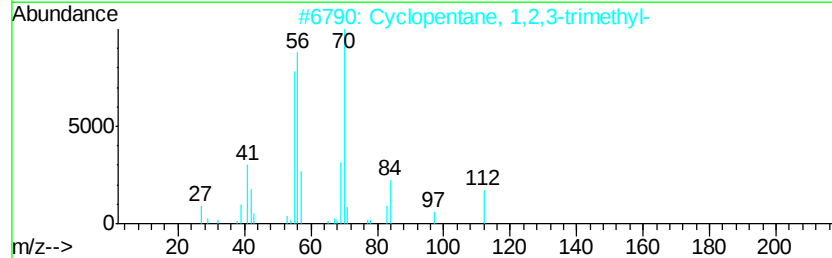
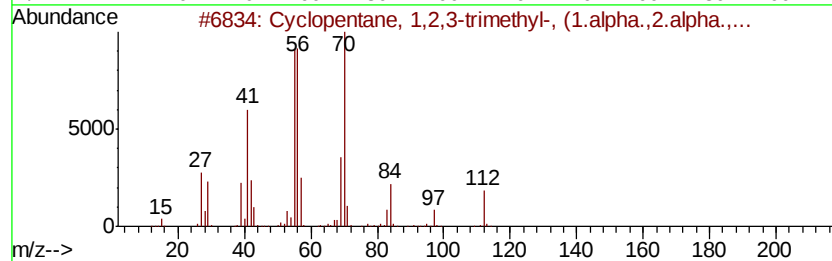
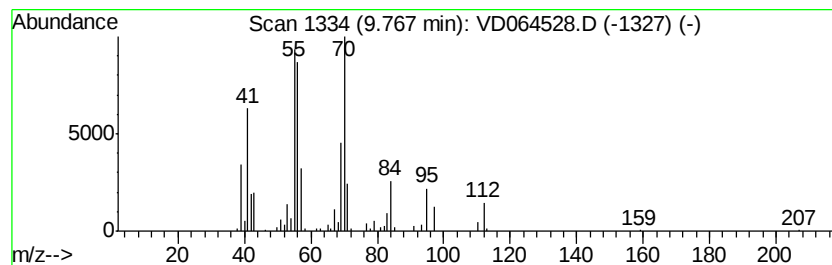
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopentane, 1,2,3-trimeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	6.69 ug/l	210897	1,4-Difluorobenzene	8.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
2		Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	87
3		Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
4		Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64
5		3-Octene, (E)-	112	C8H16	014919-01-8	58



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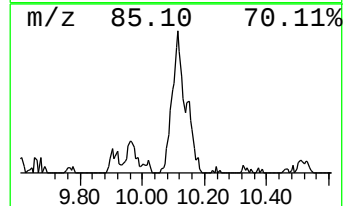
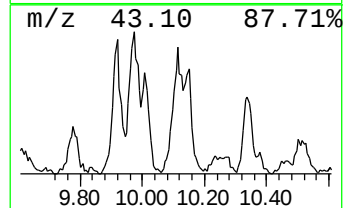
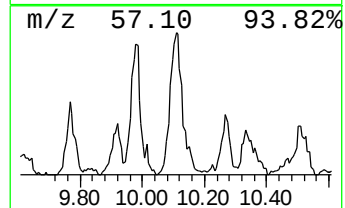
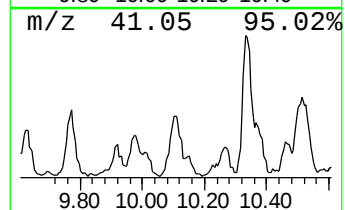
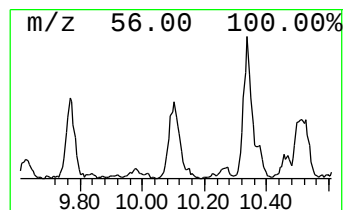
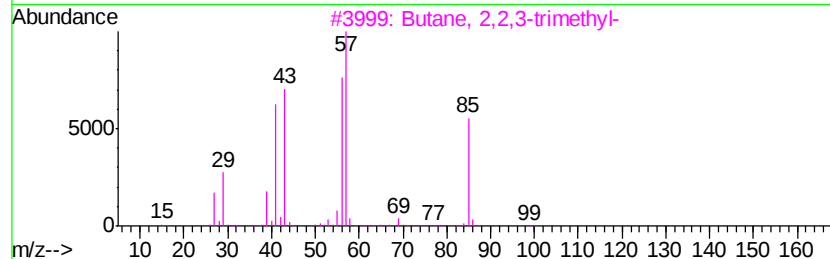
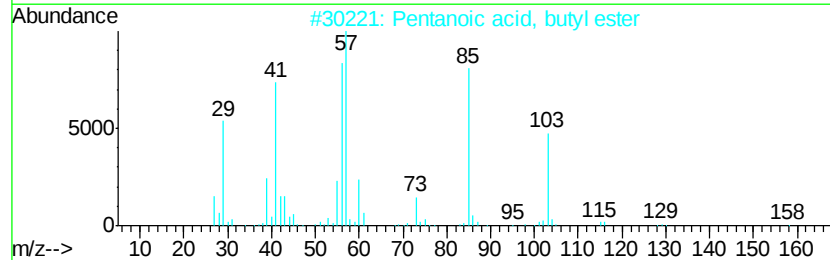
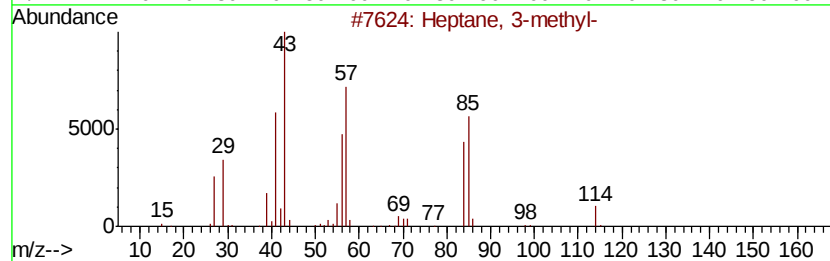
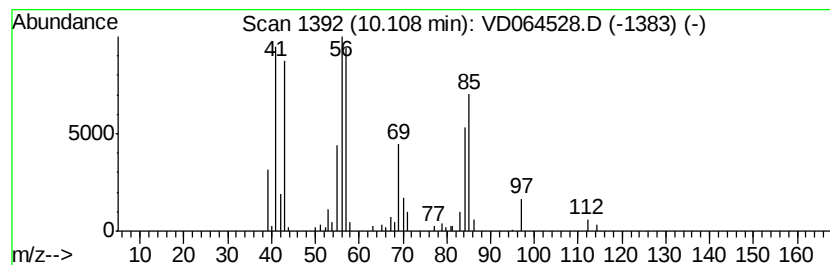
Instrument :
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ClientSampleId :
SHORE-RD-BH-01

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Quant Title : SW846 8260

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

Peak Number 3 Heptane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.11	6.43 ug/l	202624	1,4-Difluorobenzene	8.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	50
2	Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	50
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	50
4	Cyclobutane, 1,2-diethyl-	112	C8H16	061141-83-1	50
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	46



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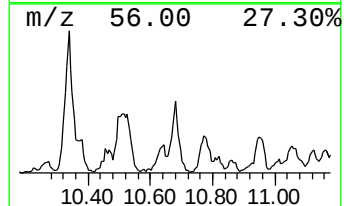
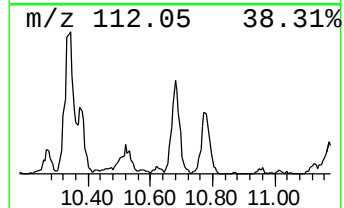
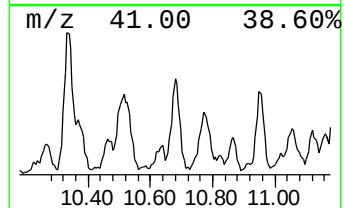
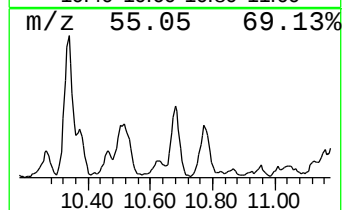
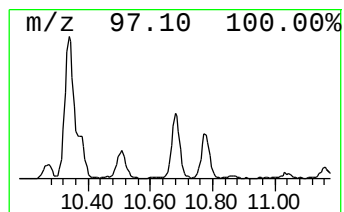
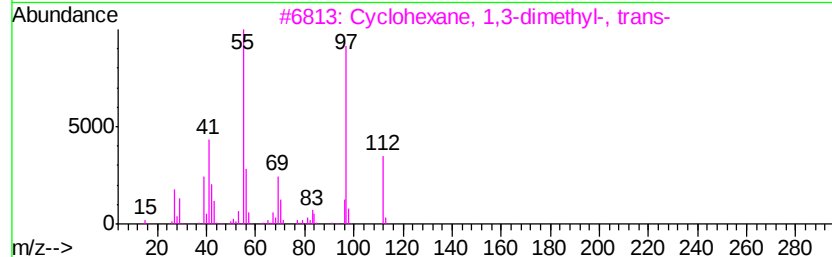
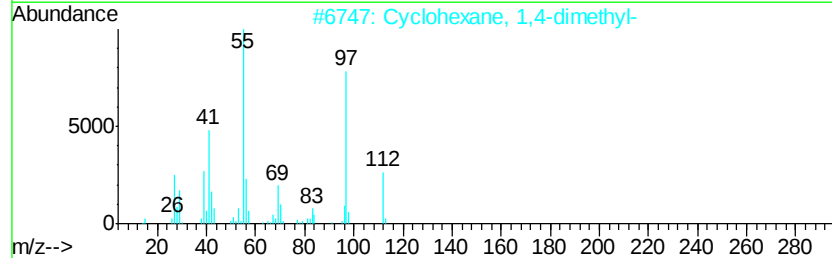
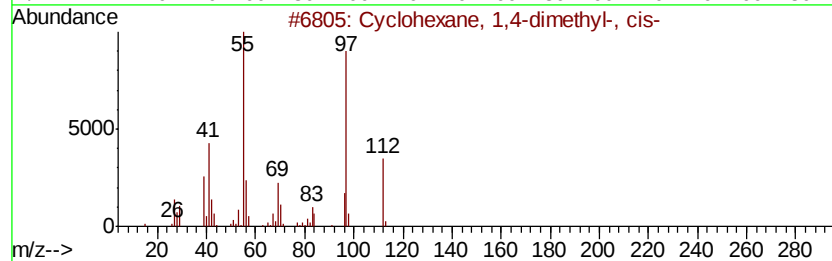
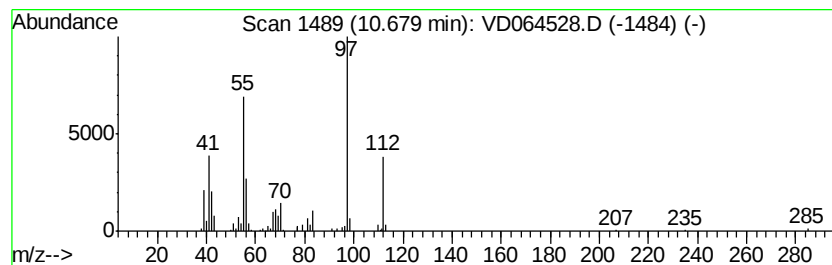
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Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	7.68 ug/l	313572	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90
2		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	90
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	86
4		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	80
5		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121619\
Data File : VD064528.D
Acq On : 16 Dec 2019 17:29
Operator : VA/SY
Sample : K6299-01
Misc : 5.10G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

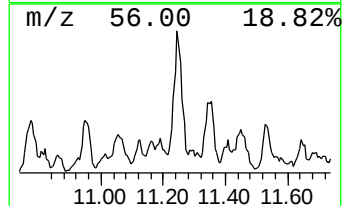
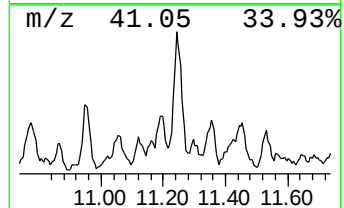
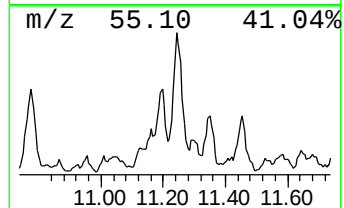
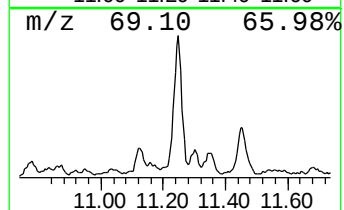
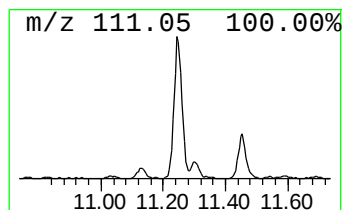
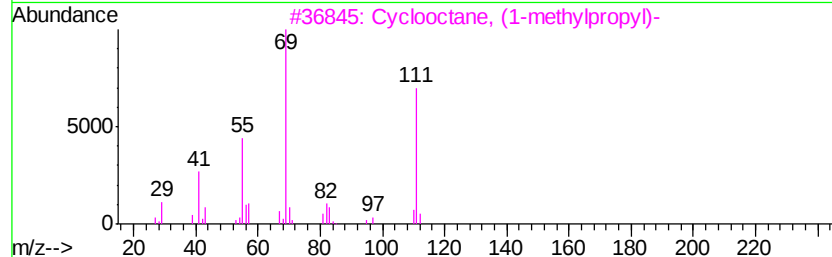
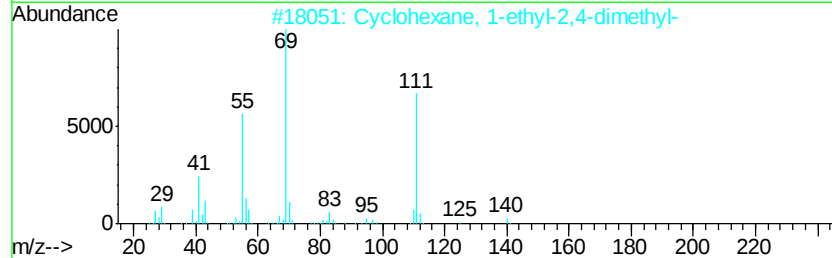
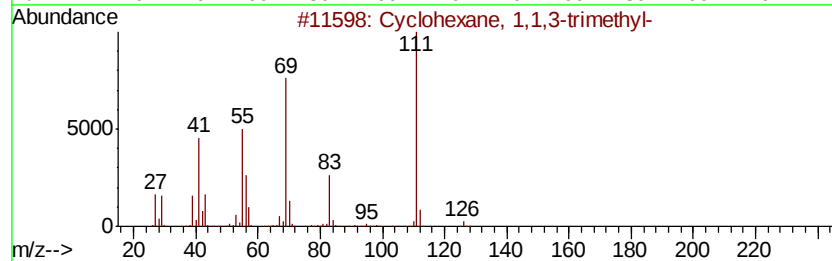
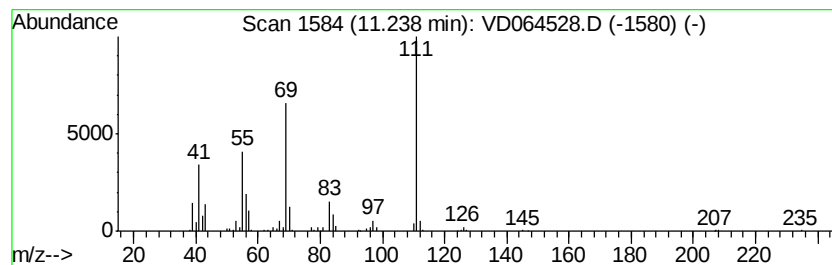
Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-BH-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.24	13.13 ug/l	536221	Chlorobenzene-d5	11.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
2		Cvclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	59
3		Cvclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	59
4		p-Fluoroaniline	111	C6H6FN	000371-40-4	58
5		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	56



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121619\
Data File : VD064528.D
Acq On : 16 Dec 2019 17:29
Operator : VA/SY
Sample : K6299-01
Misc : 5.10G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-BH-01

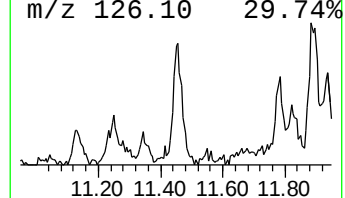
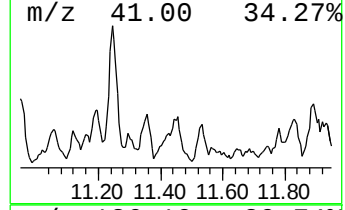
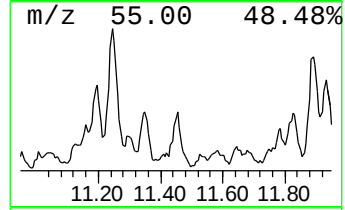
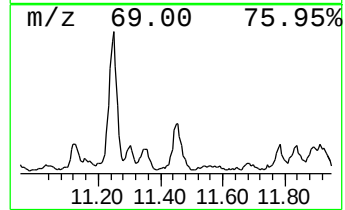
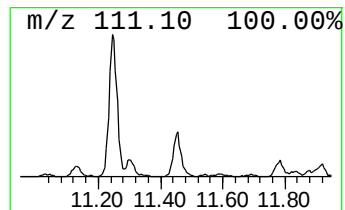
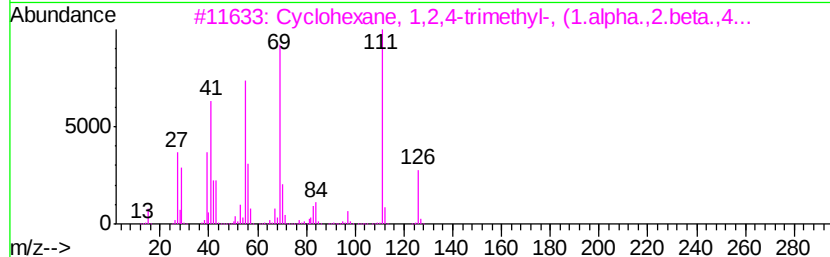
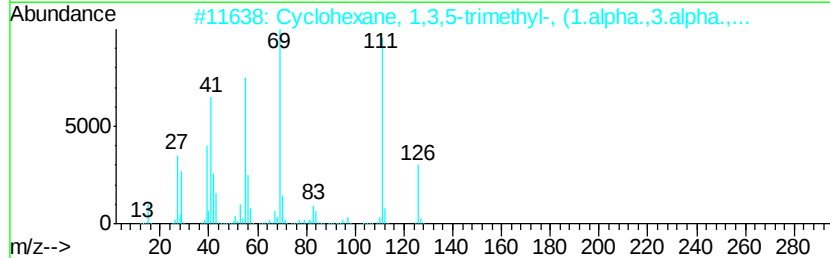
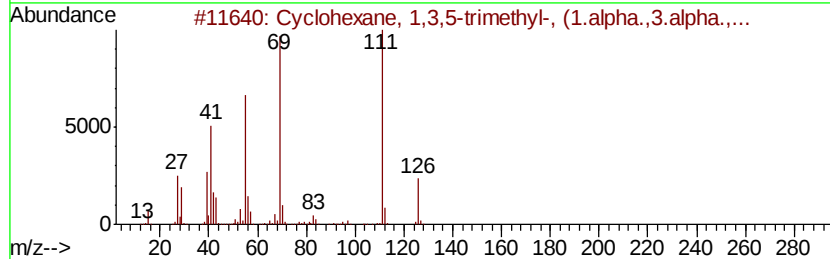
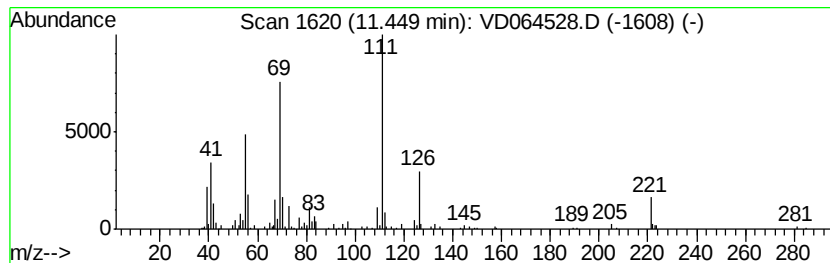
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Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, 1,3,5-trimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	8.91 ug/l	363827	Chlorobenzene-d5	11.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	81
2		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	81
3		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	74
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	74
5		2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121619\
Data File : VD064528.D
Acq On : 16 Dec 2019 17:29
Operator : VA/SY
Sample : K6299-01
Misc : 5.10G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

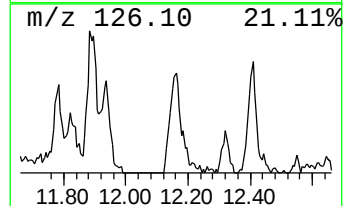
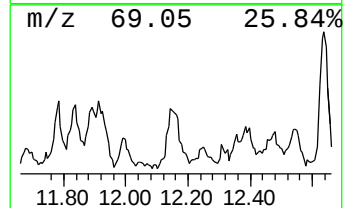
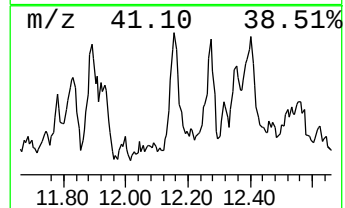
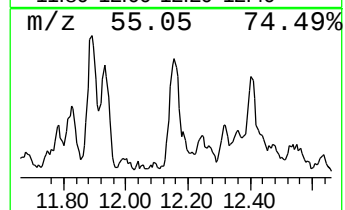
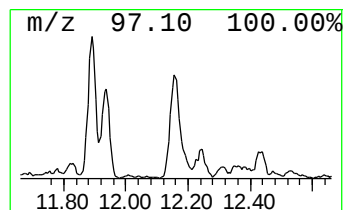
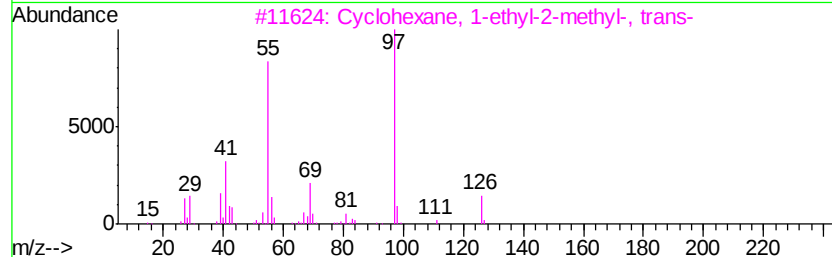
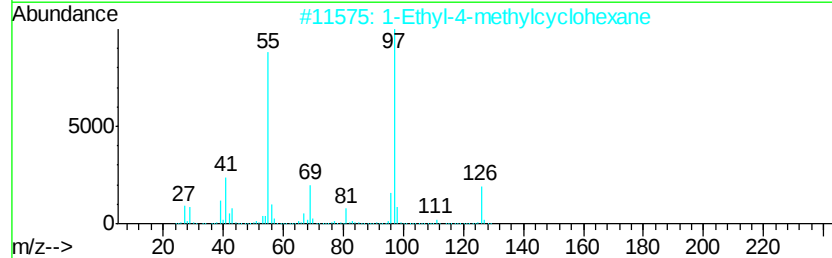
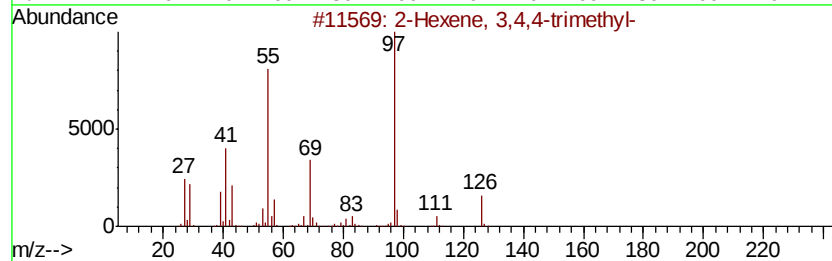
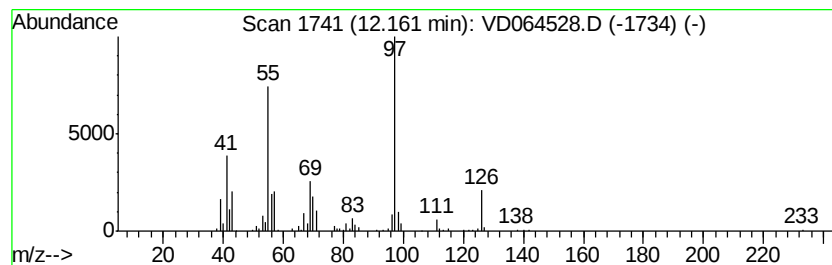
Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-BH-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

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

Peak Number 8 2-Hexene, 3,4,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.16	7.69 ug/l	314136	Chlorobenzene-d5	11.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	83	
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	81	
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	81	
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74	
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121619\
Data File : VD064528.D
Acq On : 16 Dec 2019 17:29
Operator : VA/SY
Sample : K6299-01
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-BH-01

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.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
Cyclopentane, 1,2...	9.63	6.2	ug/l	195694	2	8.87	1576290	50.0
Cyclopentane, 1,2...	9.77	6.7	ug/l	210897	2	8.87	1576290	50.0
Heptane, 3-methyl-	10.11	6.4	ug/l	202624	2	8.87	1576290	50.0
Cyclohexane, 1,4-...	10.68	7.7	ug/l	313572	3	11.65	2042540	50.0
Cyclohexane, 1,1,...	11.24	13.1	ug/l	536221	3	11.65	2042540	50.0
Cyclohexane, 1,3,...	11.45	8.9	ug/l	363827	3	11.65	2042540	50.0
2-Hexene, 3,4,4-t...	12.16	7.7	ug/l	314136	3	11.65	2042540	50.0