

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
 Data File : VD058346.D
 Acq On : 23 Jun 2018 17:43
 Operator : VA/AP
 Sample : J3664-21
 Misc : 6.34g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB471-29-31-180619

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\82D061918S.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	1.228	92	102	104	rBV	1273076	2654450	1.51%	0.468%
2	1.287	104	108	130	rVV	1726199	6463837	3.67%	1.140%
3	1.572	133	137	157	rVV	2608532	7329946	4.16%	1.293%
4	2.576	233	239	270	rVB	3856002	14862708	8.44%	2.622%
5	3.088	285	291	319	rBV	2819102	9878644	5.61%	1.743%
6	4.860	460	471	515	rBV2	19555810	160466865	91.11%	28.309%
7	5.352	515	521	537	rVV	875761	3401336	1.93%	0.600%
8	5.667	548	553	569	rVB	660489	3056059	1.74%	0.539%
9	6.051	585	592	599	rBV	476709	1796438	1.02%	0.317%
10	6.238	607	611	631	rVB	347802	1978910	1.12%	0.349%
11	6.721	655	660	681	rVB	450080	2783471	1.58%	0.491%
12	7.124	681	701	702	rBV	21725232	176128273	100.00%	31.072%
13	7.390	725	728	742	rVB3	679858	2244218	1.27%	0.396%
14	8.640	848	855	861	rBV	1998172	5819957	3.30%	1.027%
15	8.739	861	865	870	rVV	836677	2350808	1.33%	0.415%
16	8.867	870	878	897	rVV	16993126	60659906	34.44%	10.701%
17	9.477	935	940	943	rBV	921965	1964597	1.12%	0.347%
18	10.708	1062	1065	1073	rVB2	1475023	3092794	1.76%	0.546%
19	11.013	1093	1096	1103	rVV	2015426	4501485	2.56%	0.794%
20	11.111	1103	1106	1113	rVB	1862207	3047052	1.73%	0.538%
21	11.416	1134	1137	1140	rVV	1920572	2960096	1.68%	0.522%
22	11.682	1159	1164	1172	rBV5	721851	1882810	1.07%	0.332%
23	11.938	1186	1190	1192	rVV2	1860417	3010640	1.71%	0.531%
24	12.243	1215	1221	1223	rVV	1581759	2835480	1.61%	0.500%
25	12.322	1226	1229	1231	rVV2	1992772	3287985	1.87%	0.580%
26	12.371	1231	1234	1237	rVV	5362574	7688418	4.37%	1.356%
27	12.637	1258	1261	1268	rVV	4093208	6847246	3.89%	1.208%
28	12.745	1268	1272	1279	rVV3	832449	2810959	1.60%	0.496%
29	12.844	1279	1282	1285	rVV2	2734257	4472775	2.54%	0.789%
30	12.933	1285	1291	1296	rVV3	5900109	15396924	8.74%	2.716%
31	13.080	1303	1306	1310	rVV3	621798	1953199	1.11%	0.345%
32	13.139	1310	1312	1314	rVV	1513062	1829904	1.04%	0.323%
33	13.208	1314	1319	1326	rVV	14659491	29231441	16.60%	5.157%
34	13.307	1326	1329	1335	rVV2	2477491	4244124	2.41%	0.749%

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35	13.563	1350	1355	1358	rVV2	811168	2006425	1.14%	0.354%
36	14.517	1449	1452	1455	rBV	1598676	1902363	1.08%	0.336%

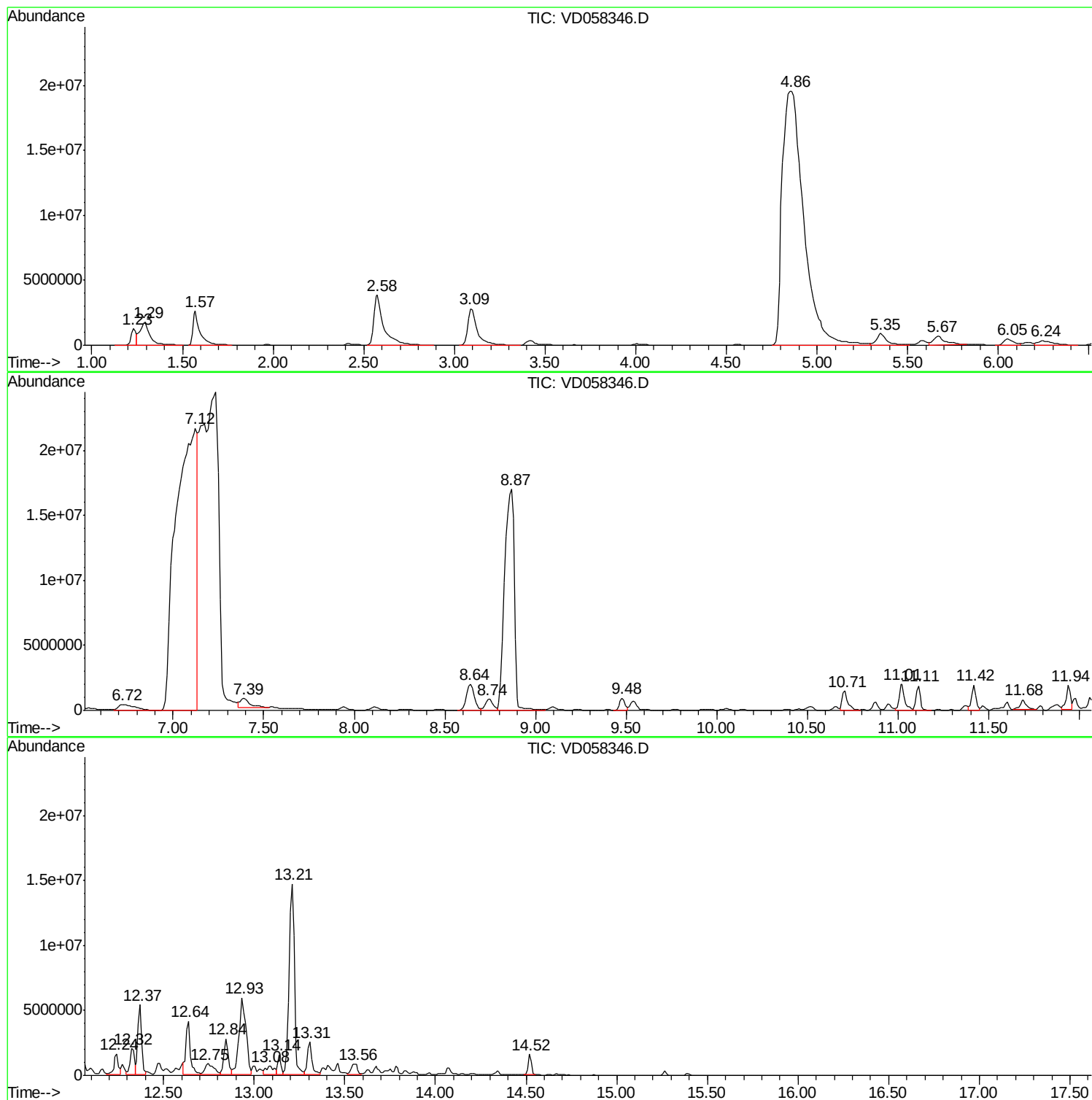
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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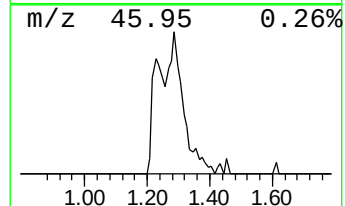
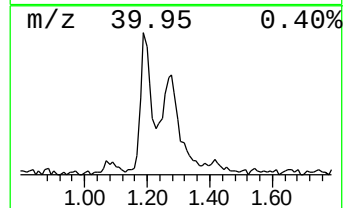
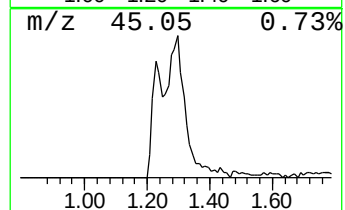
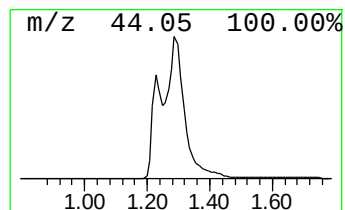
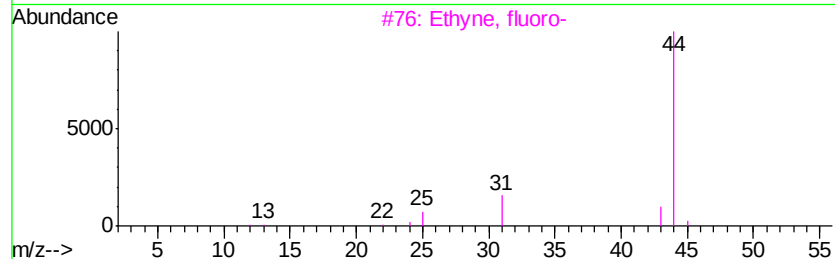
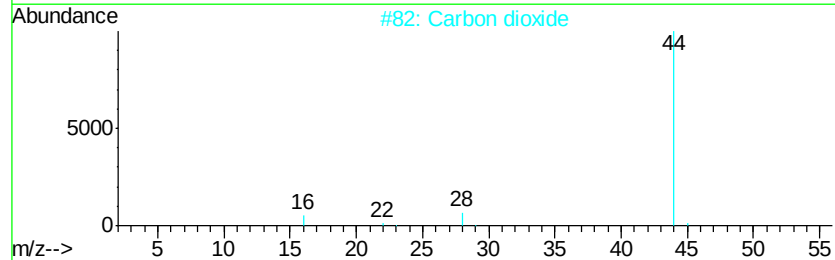
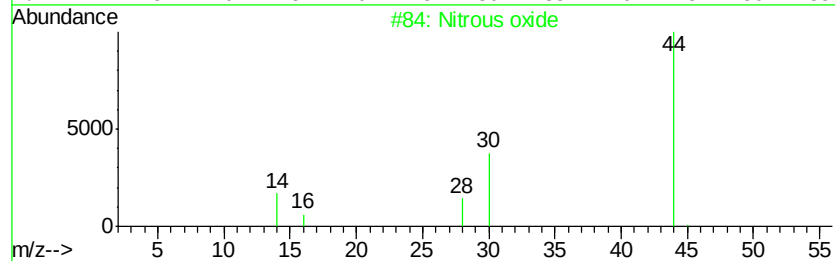
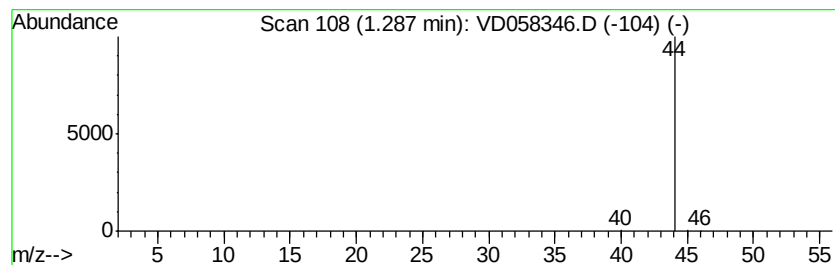
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Peak Number 2 unknown1.29 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.29	105.75 ug/l	6463840	Pentafluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nitrous oxide	44	N2O	010024-97-2	3
2		Carbon dioxide	44	CO2	000124-38-9	2
3		Ethvne, fluoro-	44	C2HF	002713-09-9	2
4		Ethylene oxide	44	C2H4O	000075-21-8	2
5		Acetaldehyde	44	C2H4O	000075-07-0	2



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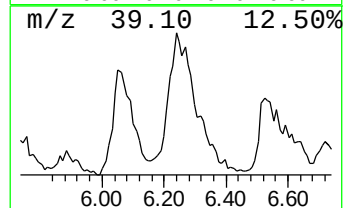
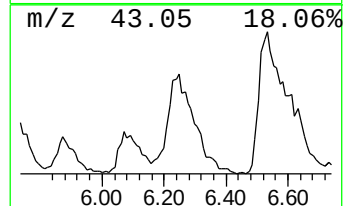
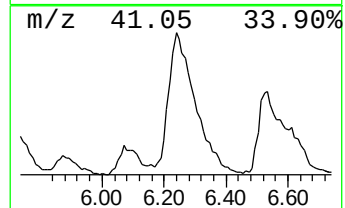
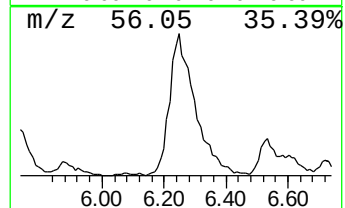
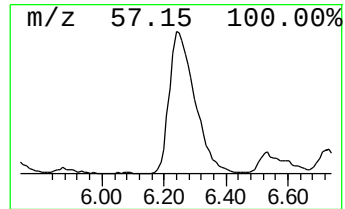
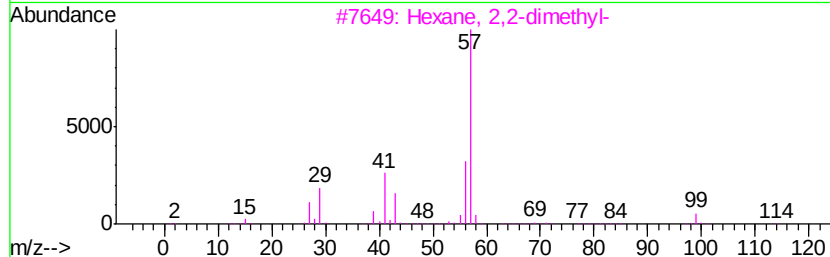
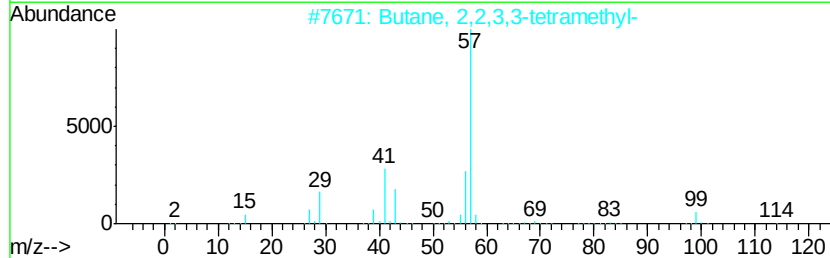
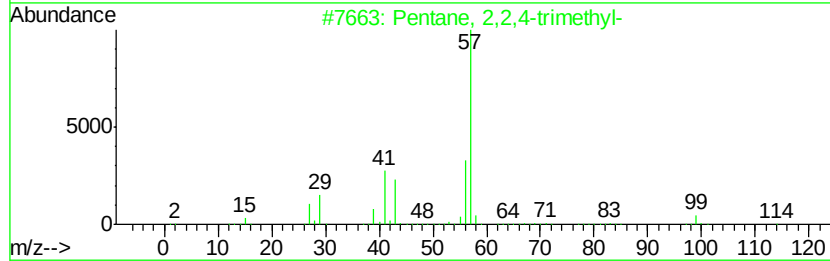
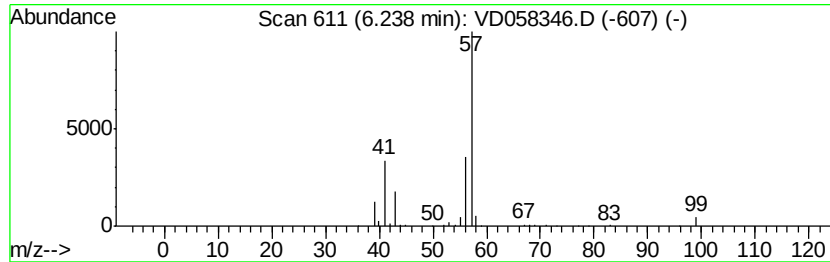
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentane, 2,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	35.55 ug/l	1978910	1,4-Difluorobenzene	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	78
2		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
3		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	43
5		Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	38



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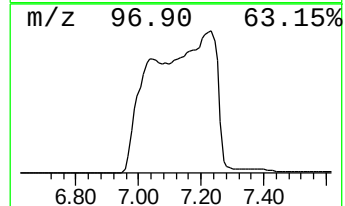
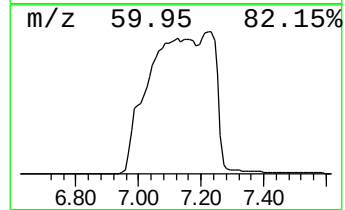
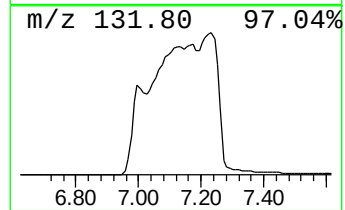
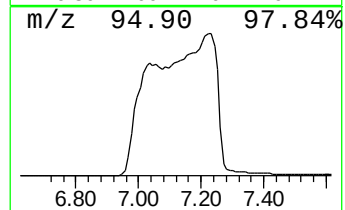
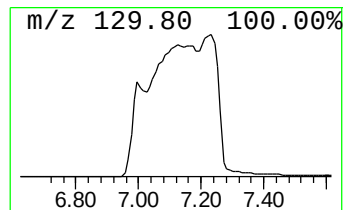
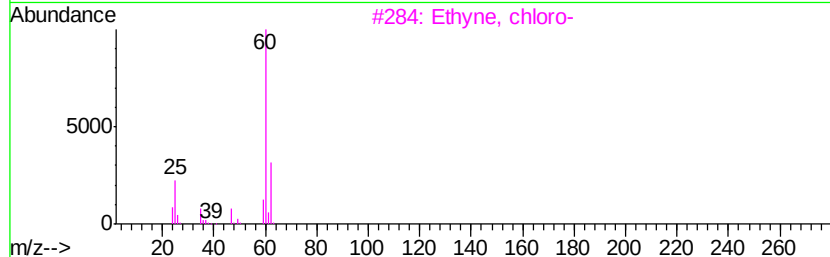
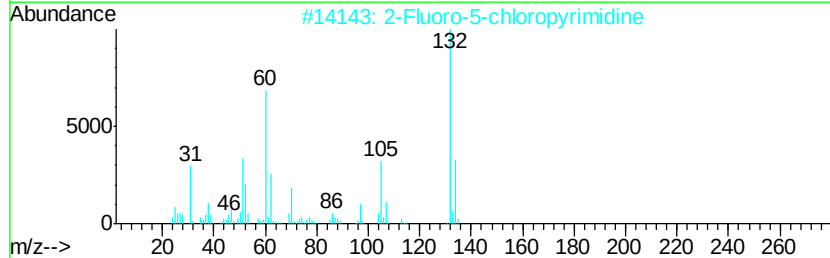
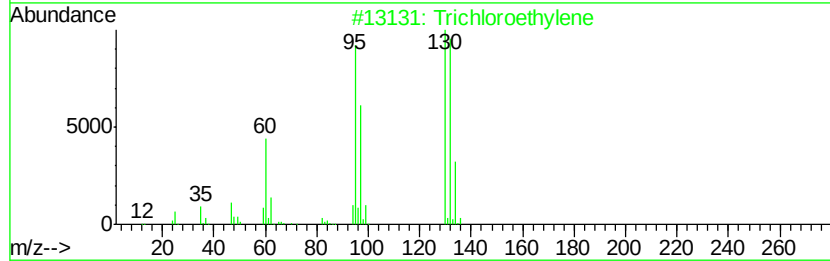
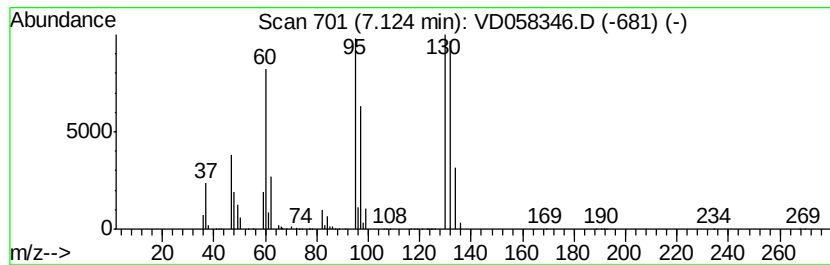
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Trichloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	3163.82 ug/l	176128000	1,4-Difluorobenzene	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroethylene	130	C2HCl3	000079-01-6	94
2		2-Fluoro-5-chloropyrimidine	132	C4H2ClFN2	062802-37-3	35
3		Ethyne, chloro-	60	C2HCl	000593-63-5	9
4		2H-Thiopyran-3(4H)-one, dihydro-...	130	C6H10OS	043152-90-5	9
5		3(2H)-Thiophenone, 2-ethylidihydro-	130	C6H10OS	052662-38-1	9



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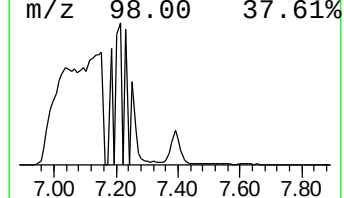
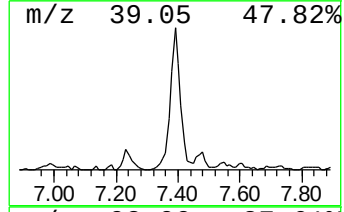
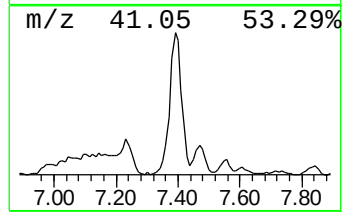
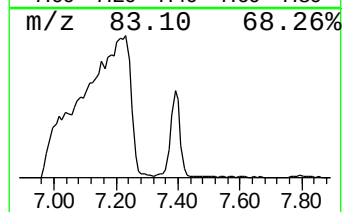
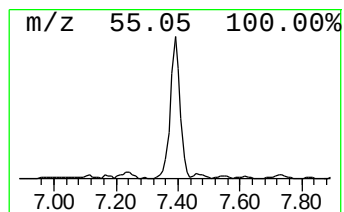
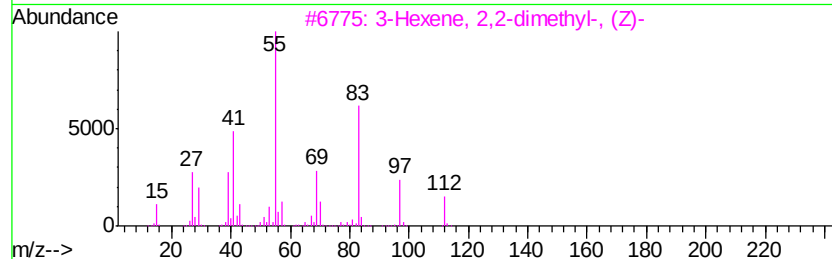
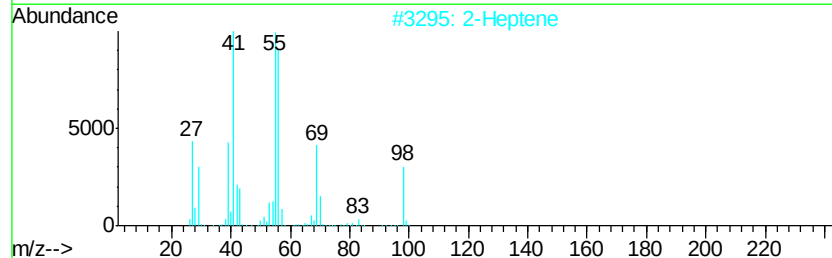
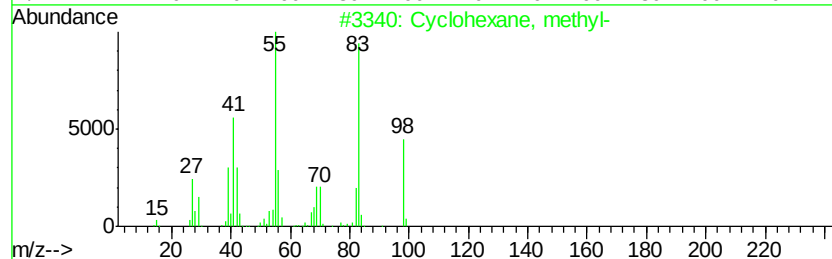
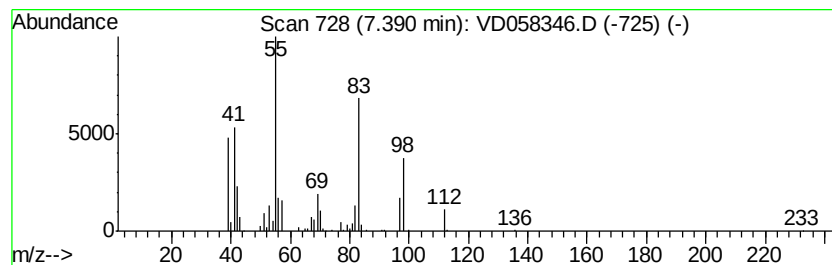
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Peak Number 5 unknown7.39 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	40.31 ug/l	2244220	1,4-Difluorobenzene	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, methyl-	98	C7H14	000108-87-2	47
2		2-Heptene	98	C7H14	000592-77-8	46
3		3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	45
4		1H-Pyrazole, 3-ethyl-4,5-dihydro-	98	C5H10N2	005920-29-6	43
5		Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	38



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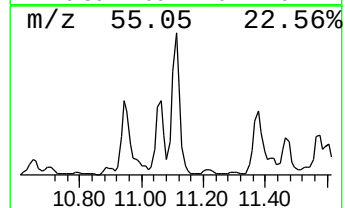
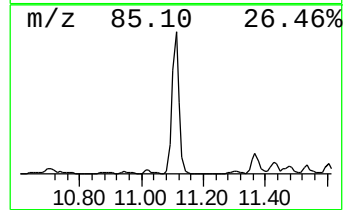
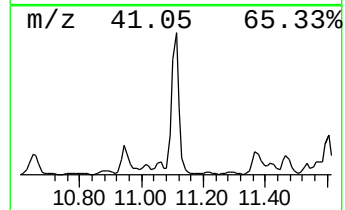
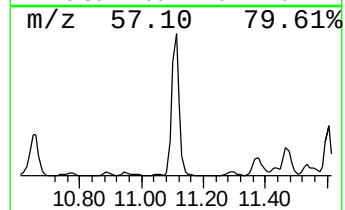
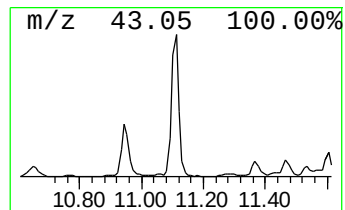
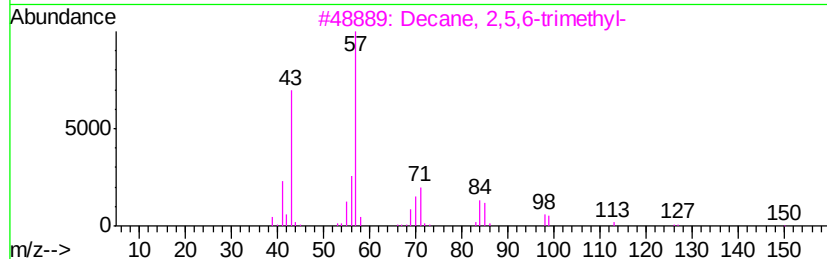
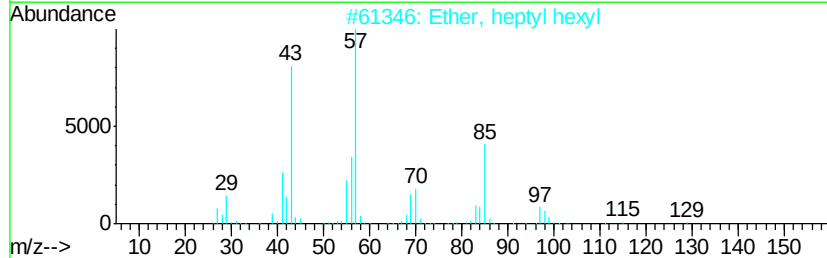
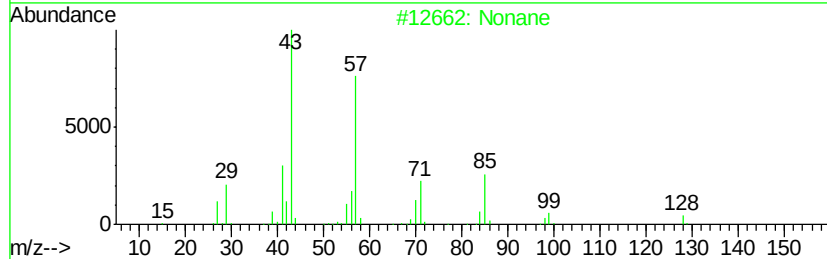
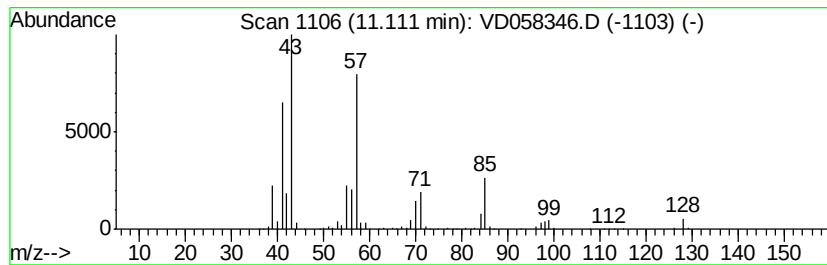
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Peak Number 6 Nonane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	49.26 ug/l	3047050	Chlorobenzene-d5	10.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	87
2		Ether, heptyl hexyl	200	C13H28O	007289-40-9	59
3		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
4		Octane	114	C8H18	000111-65-9	53
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50



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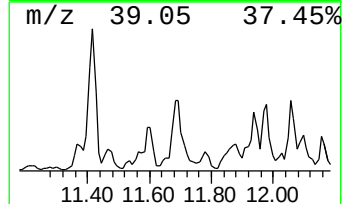
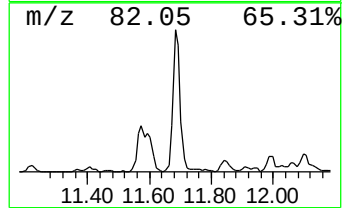
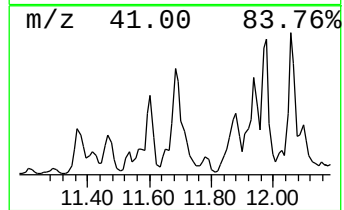
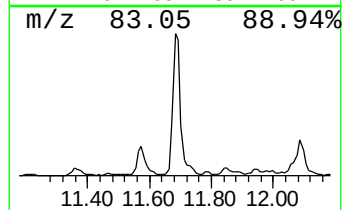
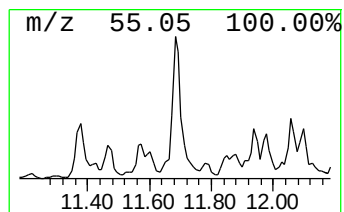
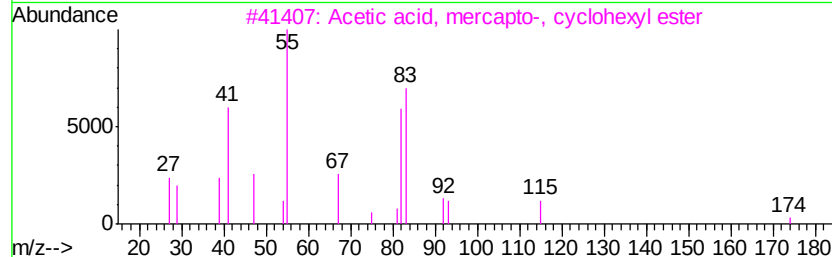
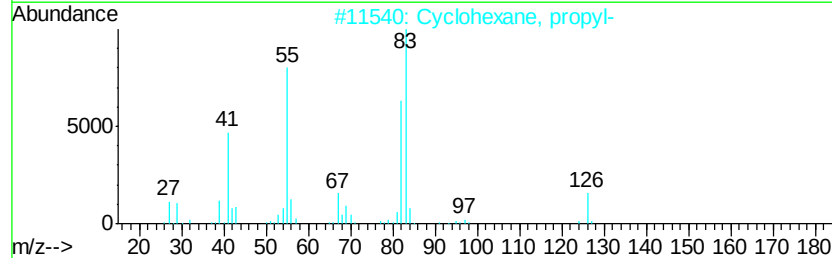
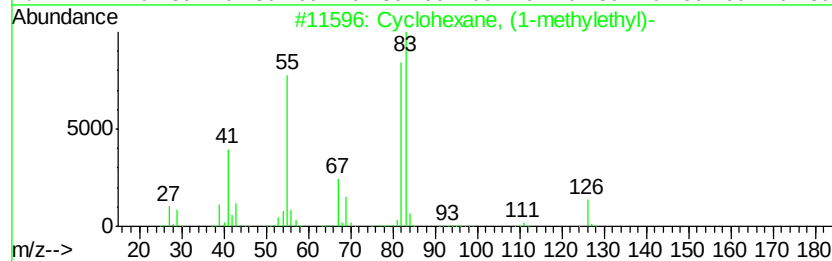
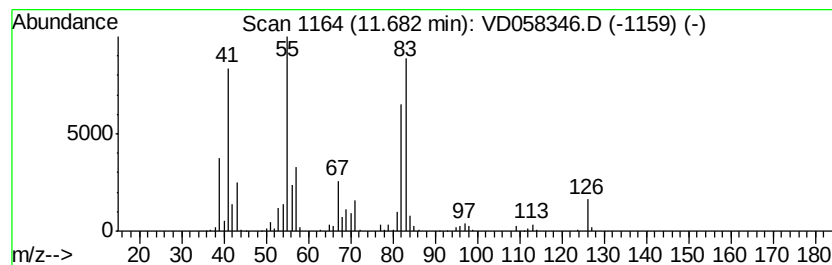
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Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, (1-methylethyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	30.44 ug/l	1882810	Chlorobenzene-d5	10.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	87
3		Acetic acid, mercapto-, cyclohex...	174	C8H14O2S	016849-98-2	64
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062318\
Data File : VD058346.D
Acq On : 23 Jun 2018 17:43
Operator : VA/AP
Sample : J3664-21
Misc : 6.34g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

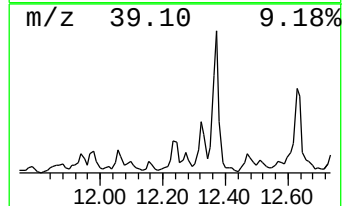
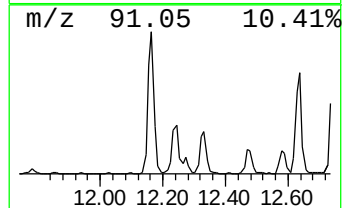
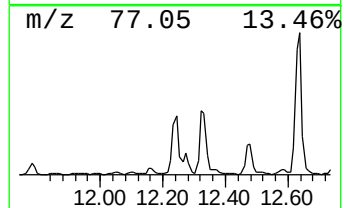
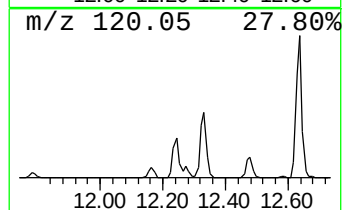
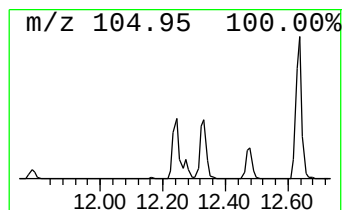
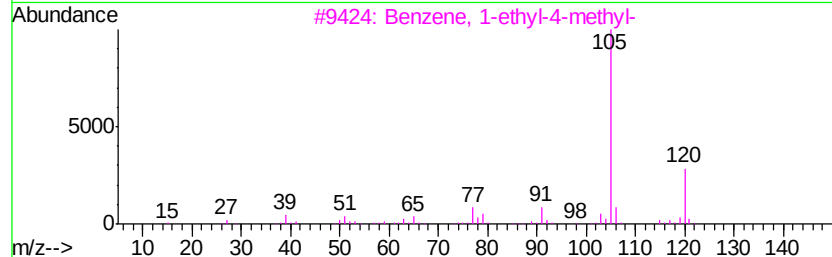
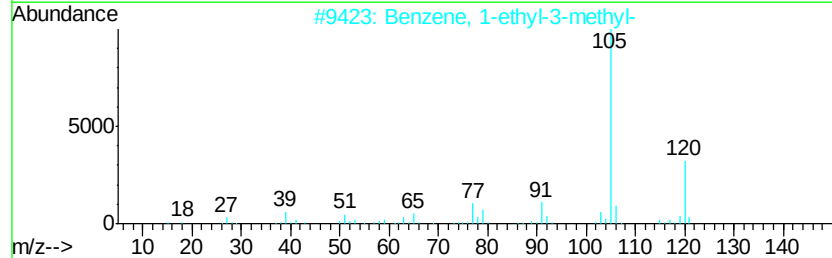
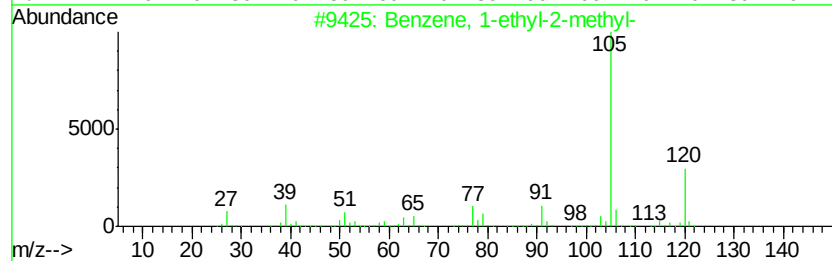
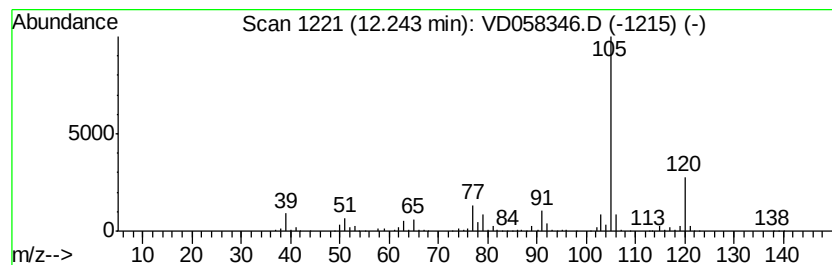
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ClientSampleId :
WP021SB471-29-31-180619

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	9.21 ug/l	2835480	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3 95
2		Benzene, 1-ethyl-3-methyl-	120 C9H12	000620-14-4 95
3		Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8 91
4		Benzene, 1,2,4-trimethyl-	120 C9H12	000095-63-6 91
5		Mesitylene	120 C9H12	000108-67-8 91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062318\
Data File : VD058346.D
Acq On : 23 Jun 2018 17:43
Operator : VA/AP
Sample : J3664-21
Misc : 6.34g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

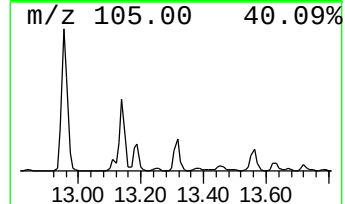
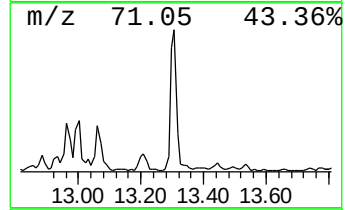
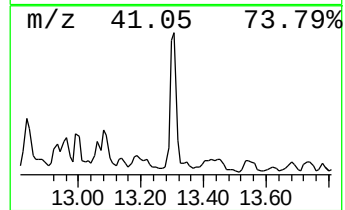
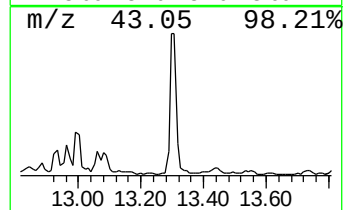
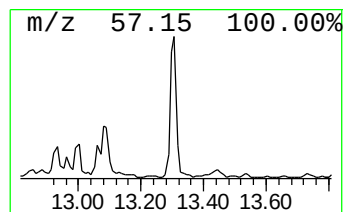
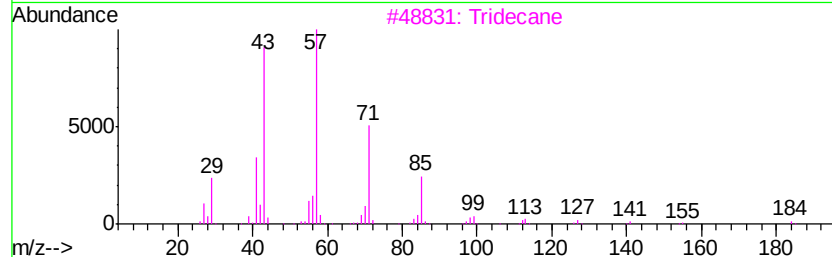
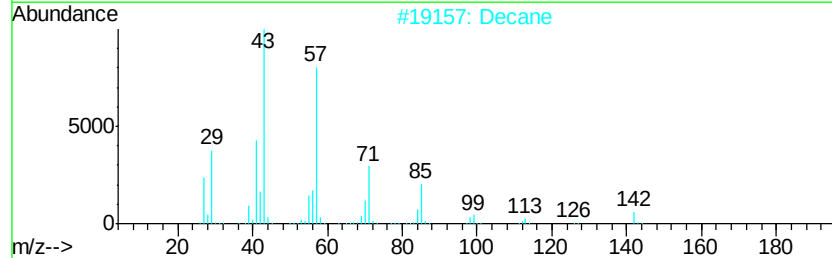
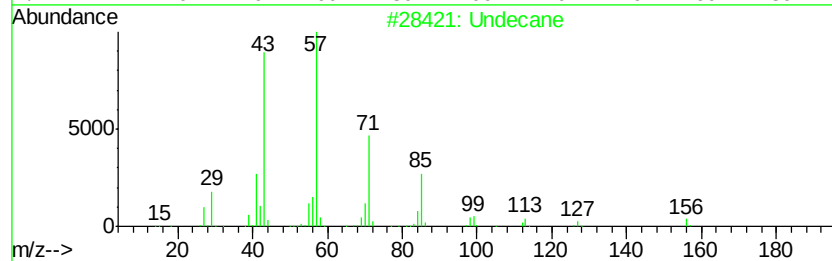
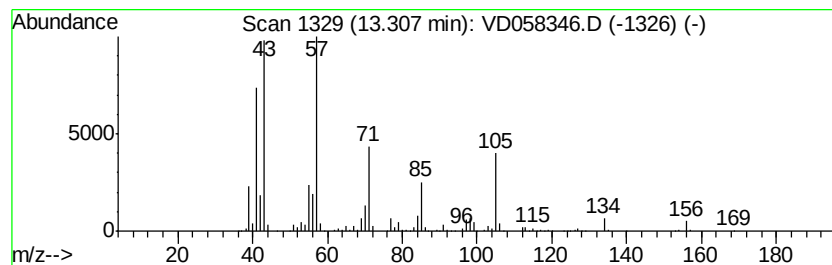
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ClientSampleId :
WP021SB471-29-31-180619

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

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

Peak Number 9 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	13.78 ug/l	4244120	1,4-Dichlorobenzene-d4	12.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane	156 C11H24	001120-21-4	87
2	Decane	142 C10H22	000124-18-5	72
3	Tridecane	184 C13H28	000629-50-5	64
4	Decane, 2,9-dimethyl-	170 C12H26	001002-17-1	59
5	1-Iodo-2-methylundecane	296 C12H25I	073105-67-6	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062318\
Data File : VD058346.D
Acq On : 23 Jun 2018 17:43
Operator : VA/AP
Sample : J3664-21
Misc : 6.34g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-29-31-180619

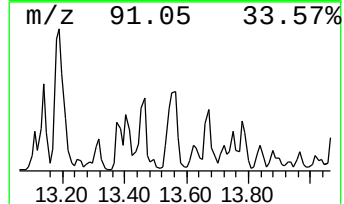
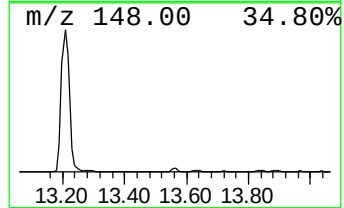
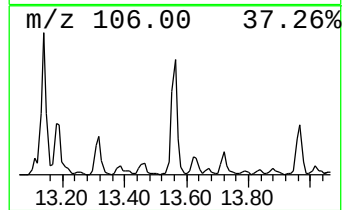
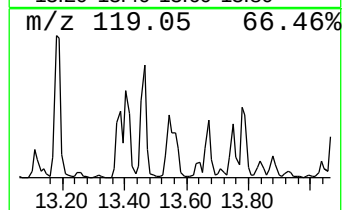
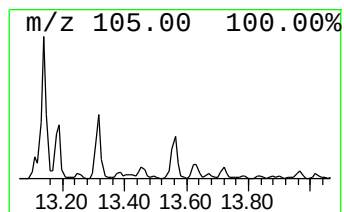
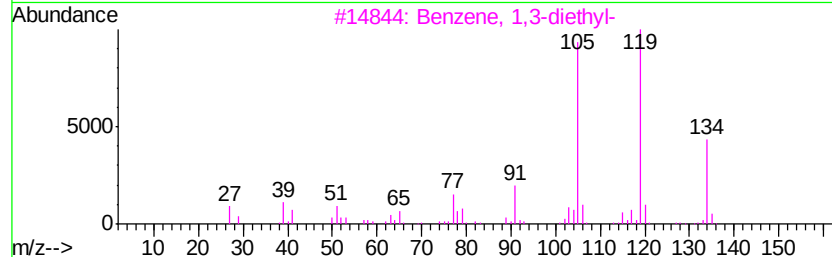
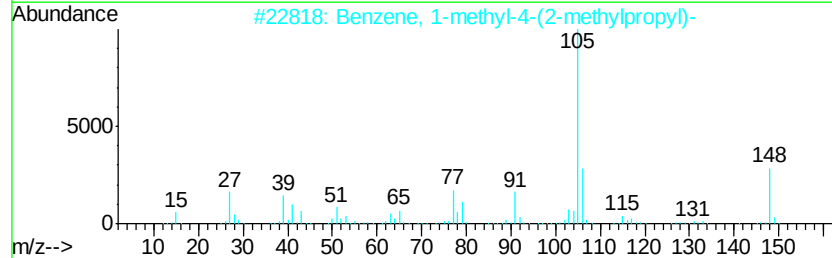
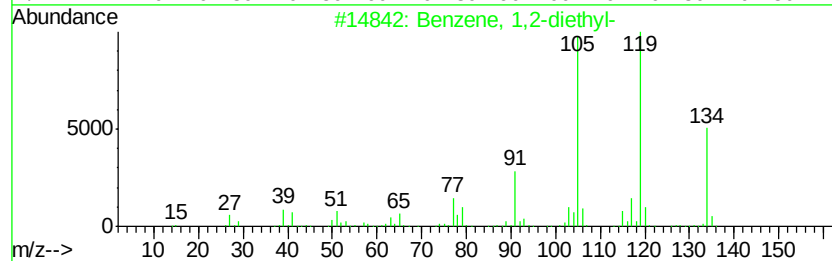
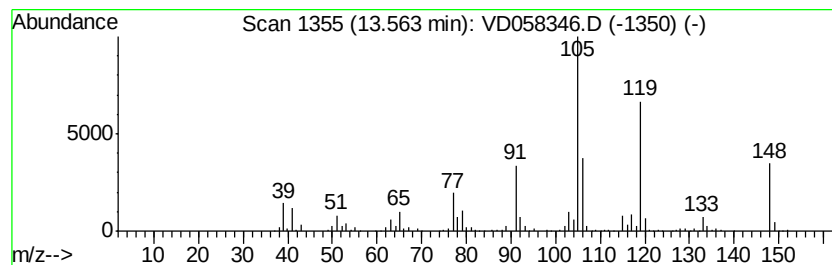
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	6.52 ug/l	2006430	1,4-Dichlorobenzene-d4	12.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
2		Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	64
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	62
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
5		4-Methylphenyl acetone	148	C10H12O	002096-86-8	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD062318\
Data File : VD058346.D
Acq On : 23 Jun 2018 17:43
Operator : VA/AP
Sample : J3664-21
Misc : 6.34g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-29-31-180619

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.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
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Pentane, 2,2,4-tr...	6.24	35.5	ug/l	1978910	2	6.73	2783470	50.0
Trichloroethylene	7.12	3163.8	ug/l	176128000	2	6.73	2783470	50.0
unknown7.39	7.39	40.3	ug/l	2244220	2	6.73	2783470	50.0
Nonane	11.11	49.3	ug/l	3047050	3	10.71	3092790	50.0
Cyclohexane, (1-m...	11.68	30.4	ug/l	1882810	3	10.71	3092790	50.0
Benzene, 1-ethyl-...	12.24	9.2	ug/l	2835480	4	12.91	15396900	50.0
Undecane	13.31	13.8	ug/l	4244120	4	12.91	15396900	50.0
Benzene, 1,2-diet...	13.56	6.5	ug/l	2006430	4	12.91	15396900	50.0