

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
 Data File : VD071407.D
 Acq On : 21 Dec 2021 13:29
 Operator : VA/SY
 Sample : M5179-01
 Misc : 6.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 POST-EXCAVATION-BOTTOM-WEST

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\82D112921S.M
 Title : SW846 8260

Signal : TIC: VD071407.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.209	886	899	921	rBV	9250717	24480813	100.00%	40.161%
2	7.914	1007	1019	1024	rBV	384409	919356	3.76%	1.508%
3	7.979	1024	1030	1039	rVB	663495	1518397	6.20%	2.491%
4	8.326	1079	1089	1100	rBV2	340130	790919	3.23%	1.298%
5	8.861	1170	1180	1192	rBV	1036344	2084911	8.52%	3.420%
6	9.108	1212	1222	1240	rBV	2624028	5240219	21.41%	8.597%
7	10.332	1423	1430	1439	rBV	1590856	2932492	11.98%	4.811%
8	10.873	1513	1522	1532	rBV	6402540	11483570	46.91%	18.839%
9	11.638	1644	1652	1661	rBV	1409297	2467325	10.08%	4.048%
10	12.144	1730	1738	1746	rBV6	148415	398973	1.63%	0.655%
11	12.373	1762	1777	1784	rBV6	167584	692459	2.83%	1.136%
12	12.620	1814	1819	1829	rVB	1422924	2382703	9.73%	3.909%
13	12.785	1843	1847	1855	rVB2	302095	563185	2.30%	0.924%
14	12.873	1855	1862	1866	rBV7	140891	338512	1.38%	0.555%
15	12.944	1868	1874	1882	rBV5	323210	722525	2.95%	1.185%
16	13.455	1954	1961	1964	rVV5	123077	248703	1.02%	0.408%
17	13.567	1973	1980	1988	rVB	1343869	2357133	9.63%	3.867%
18	13.885	2029	2034	2039	rBV3	232474	388915	1.59%	0.638%
19	14.032	2055	2059	2065	rVV5	165102	351593	1.44%	0.577%
20	14.355	2106	2114	2117	rBV3	114459	277601	1.13%	0.455%
21	14.855	2195	2199	2206	rVB5	159429	315897	1.29%	0.518%

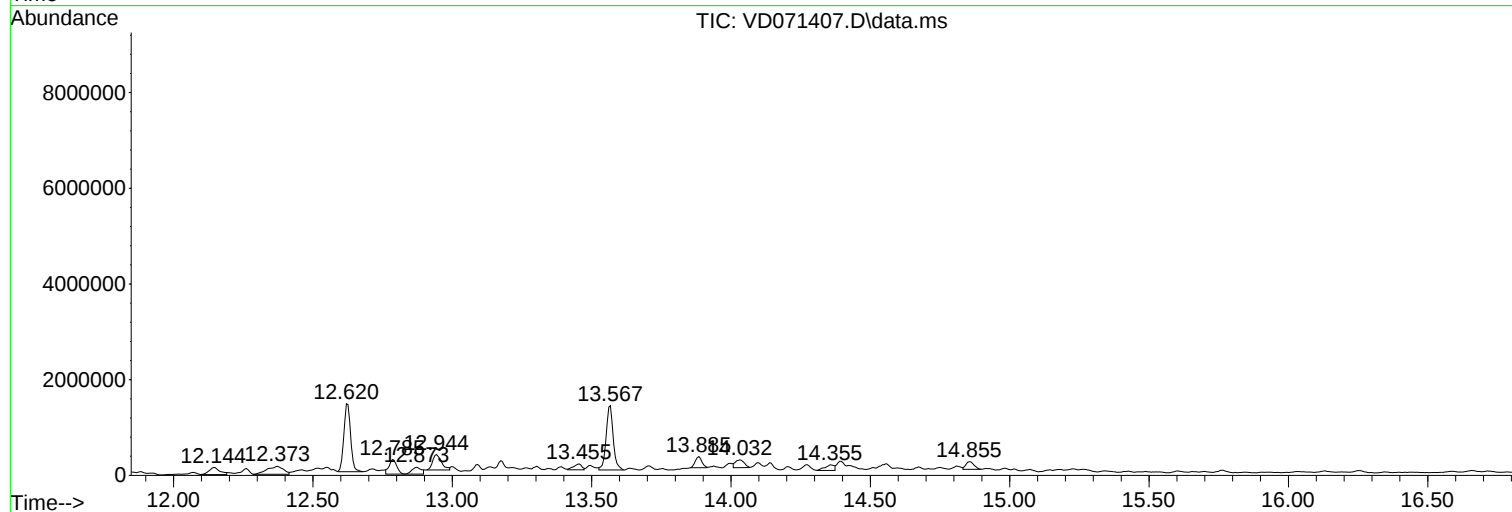
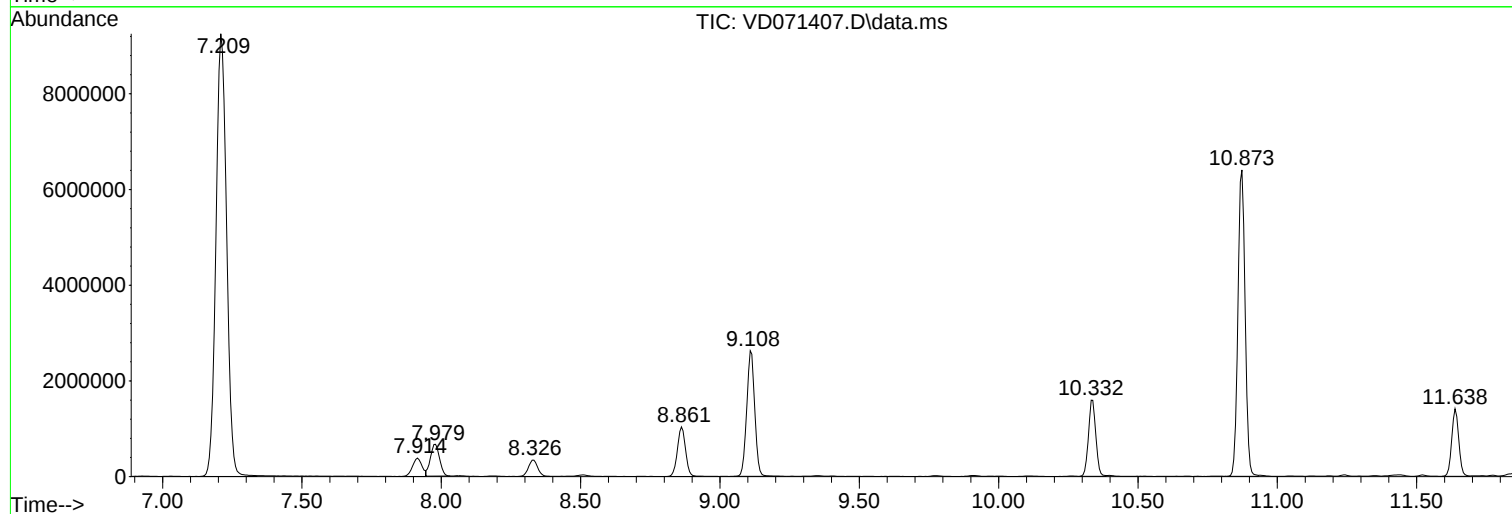
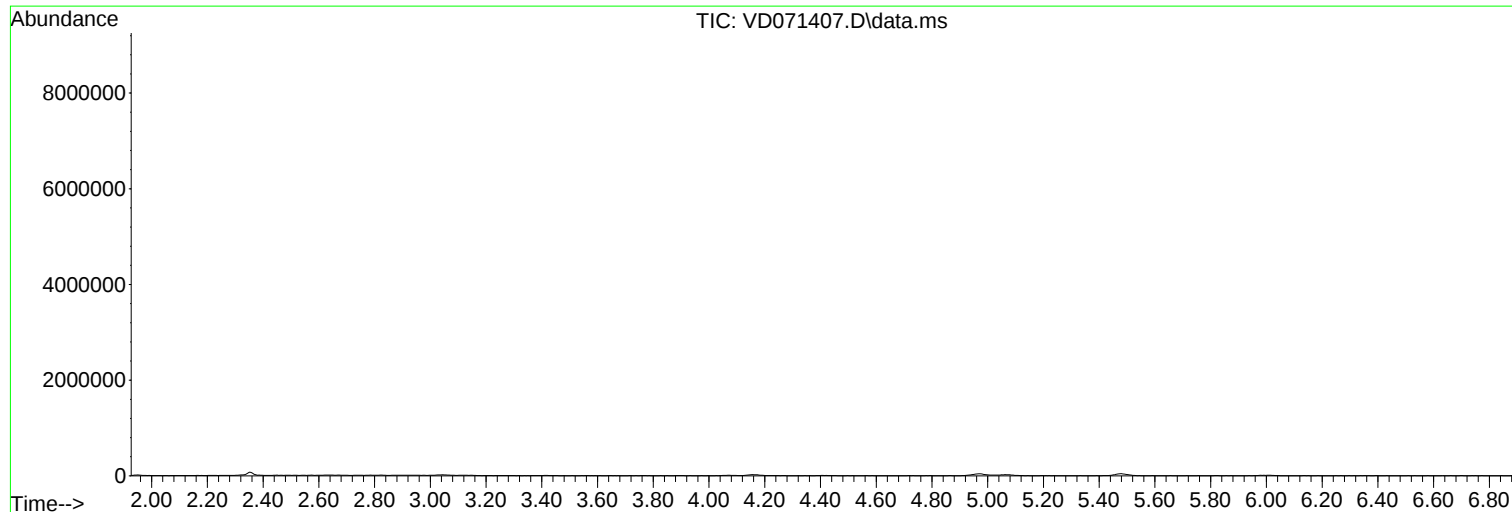
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
POST-EXCAVATION-BOTTOM-WEST

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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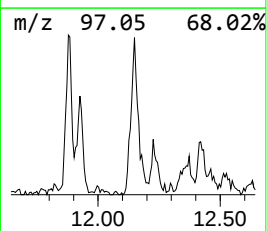
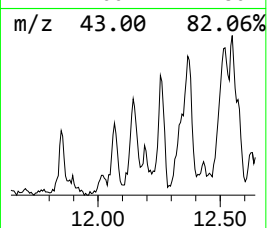
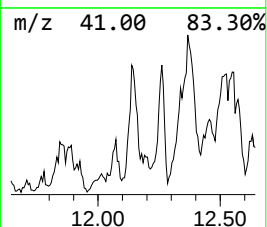
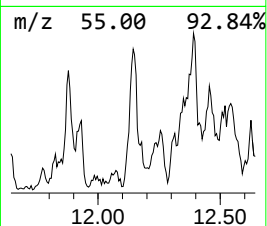
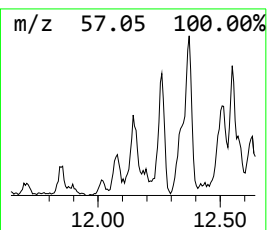
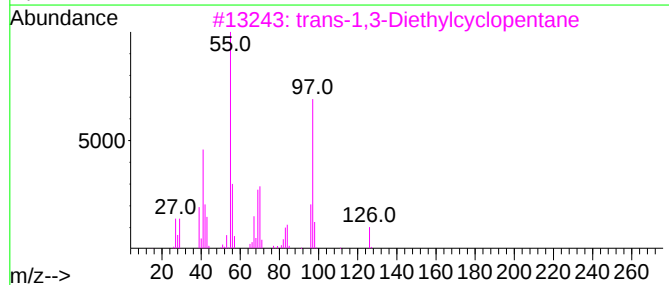
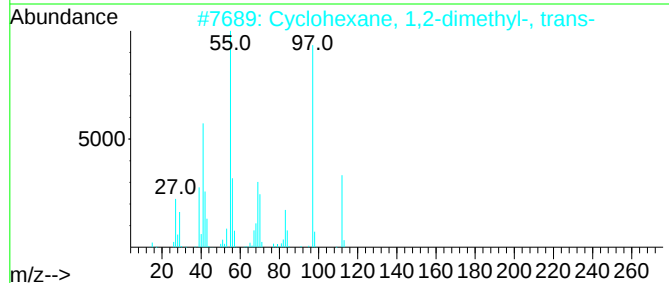
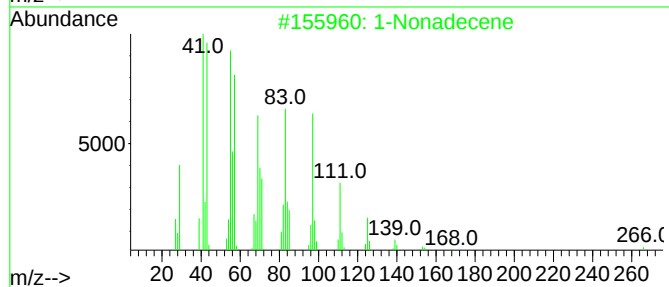
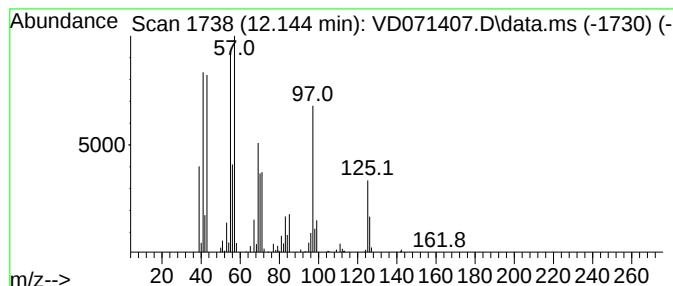
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.144	8.09 ug/l	398973	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene			266	C19H38	018435-45-5	80
2	Cyclohexane, 1,2-dimethyl-, trans-			112	C8H16	006876-23-9	46
3	trans-1,3-Diethylcyclopentane			126	C9H18	1000113-87-1	43
4	3-Nonene, (E)-			126	C9H18	020063-92-7	38
5	4-Nonene			126	C9H18	002198-23-4	38



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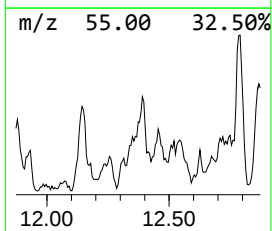
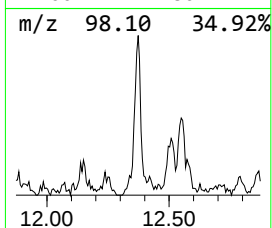
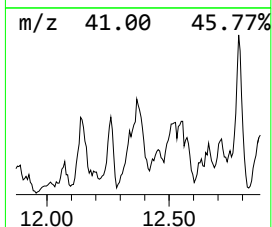
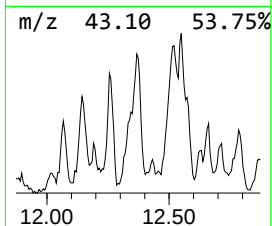
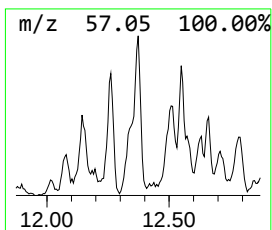
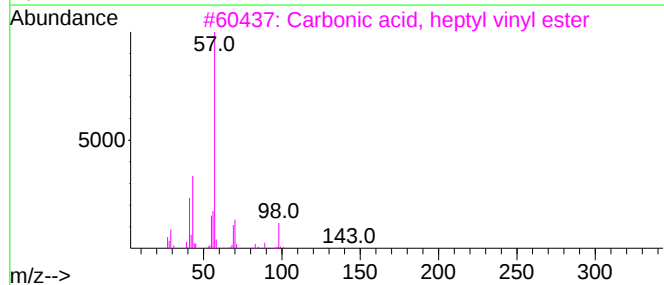
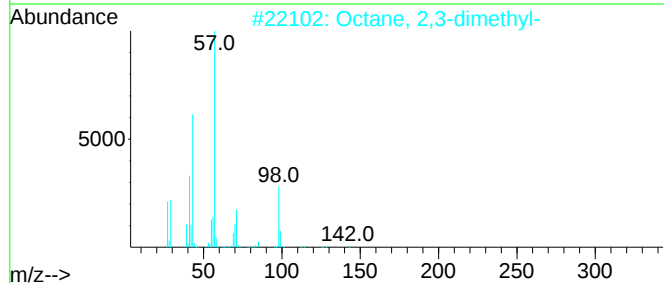
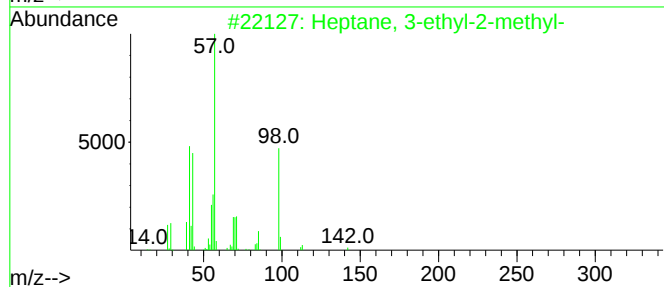
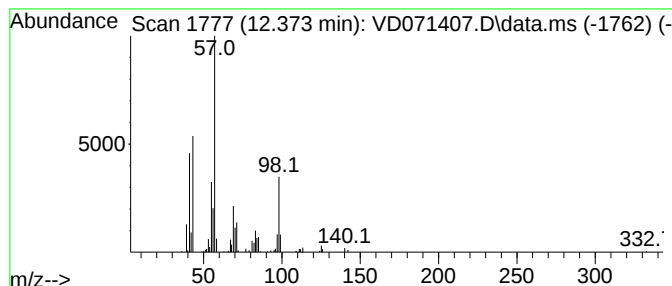
Instrument :
MSVOA_D
ClientSampleId :
POST-EXCAVATION-BOTTOM-WEST

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptane, 3-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.373	14.03 ug/l	692459	Chlorobenzene-d5	11.638	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	87
2	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
3	Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	50
4	1-Octadecene	252	C18H36	000112-88-9	47
5	4-Propionyloxytetradecane	270	C17H34O2	1000245-62-9	47



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
POST-EXCAVATION-BOTTOM-WEST

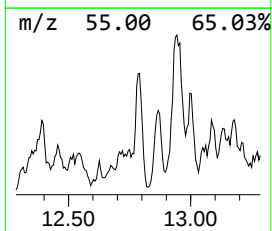
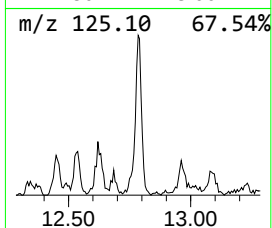
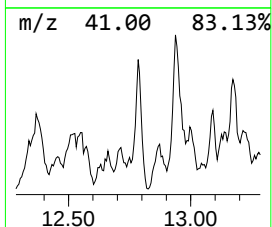
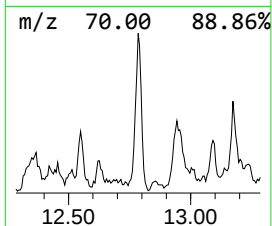
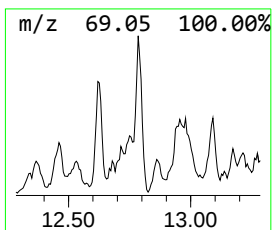
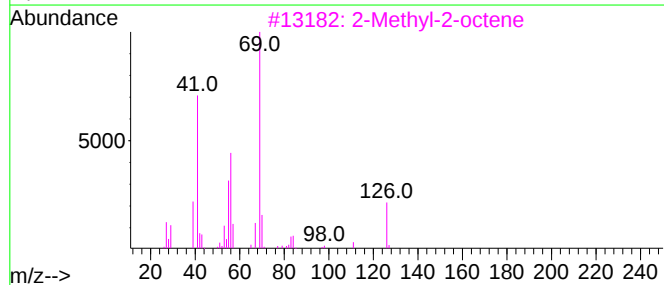
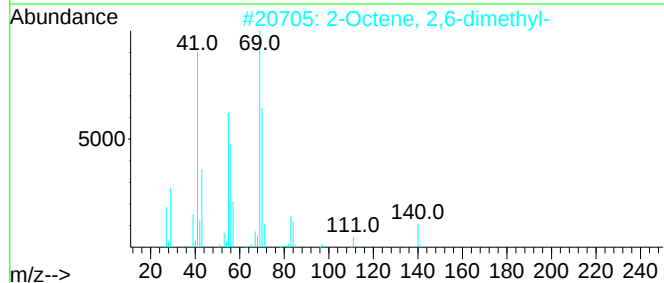
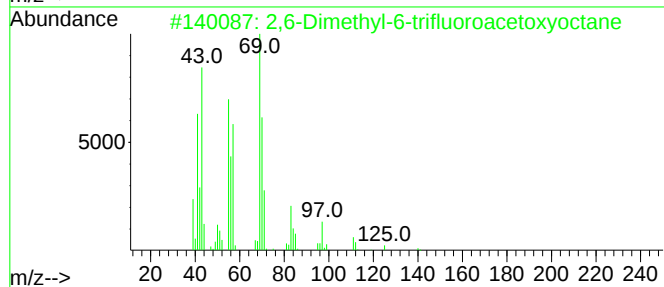
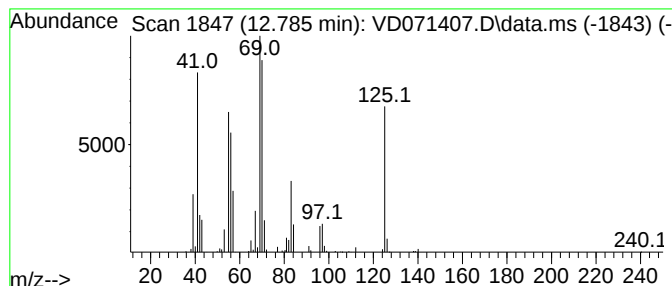
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2,6-Dimethyl-6-trifluoroace... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.785	11.95 ug/l	563185	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Dimethyl-6-trifluoroacetoxo...	254	C12H21F3O2	061986-67-2	53
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
3			2-Methyl-2-octene	126	C9H18	016993-86-5	43
4			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43
5			(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-03-9	38



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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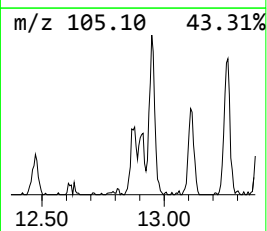
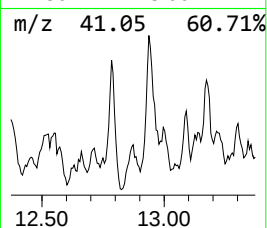
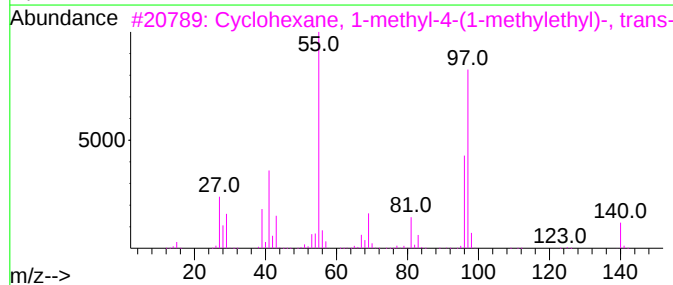
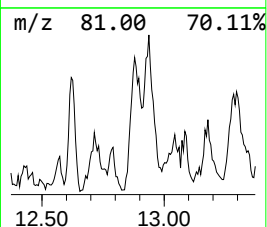
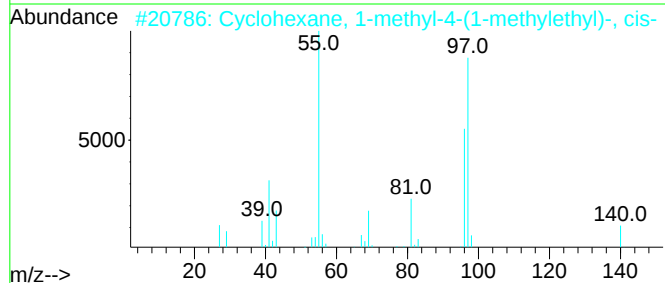
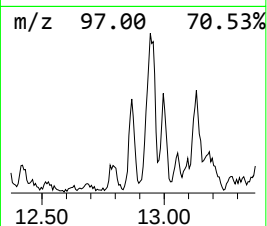
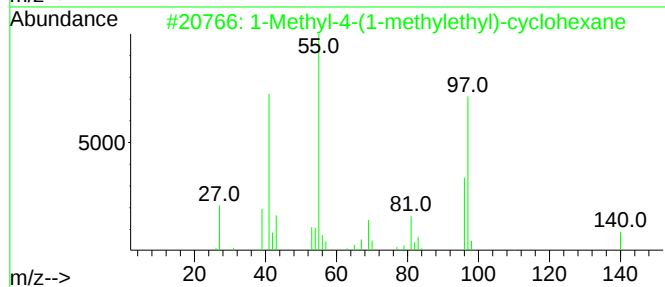
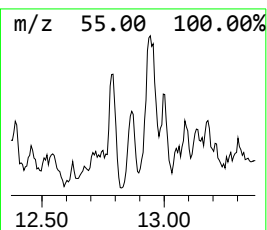
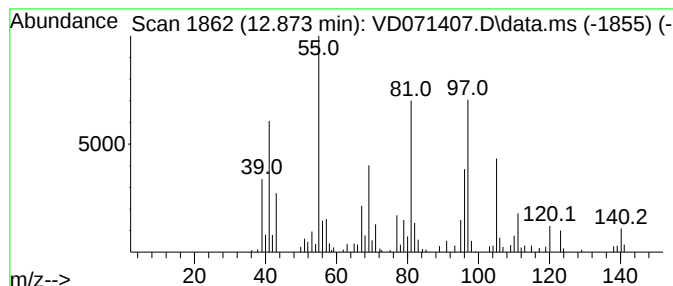
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Methyl-4-(1-methylethyl)-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	7.18 ug/l	338512	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	58
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	52
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	50
4			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	50
5			1-Methyl-2-trifluoroacetoxycyclo...	210	C9H13F3O2	1000216-63-9	35



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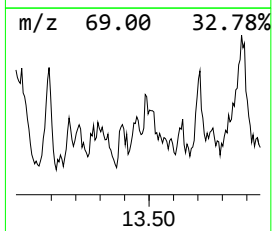
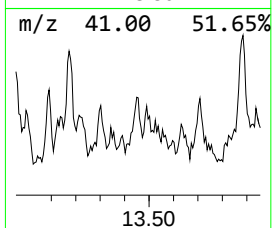
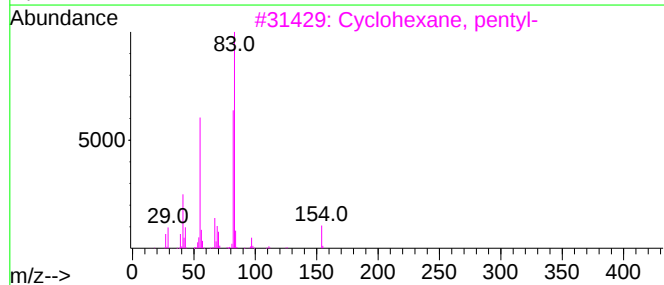
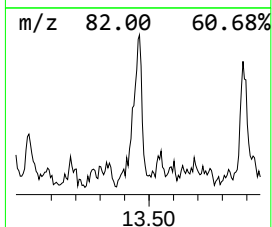
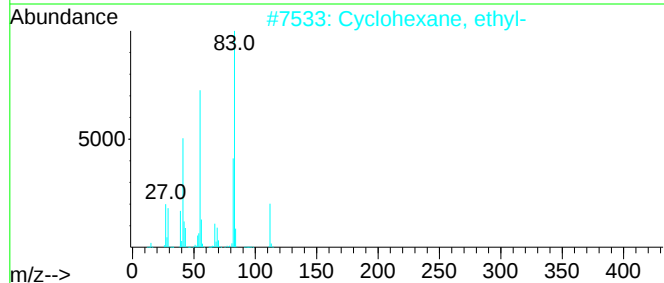
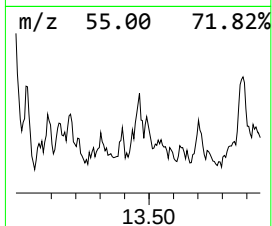
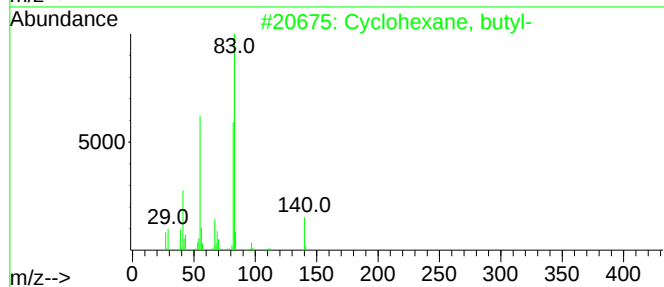
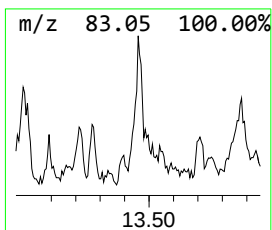
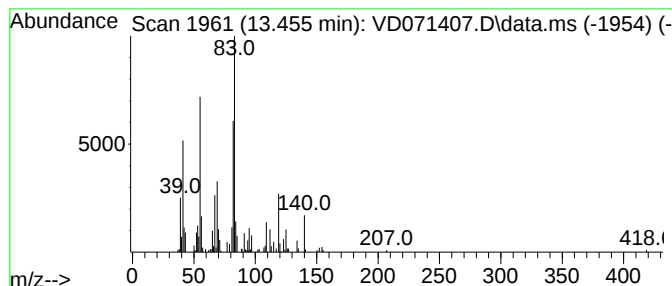
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.455	5.28 ug/l	248703	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	62
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
4			Cyclohexane, undecyl-	238	C17H34	054105-66-7	50
5			Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	50



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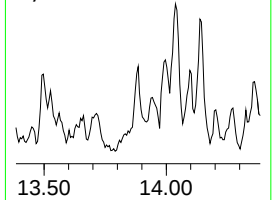
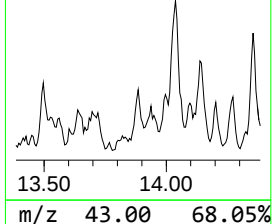
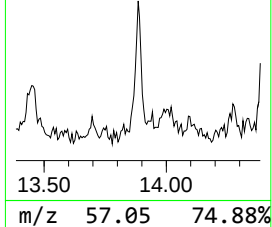
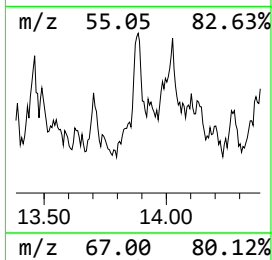
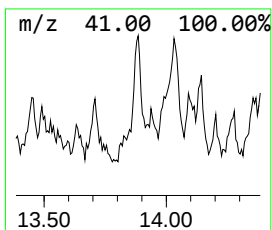
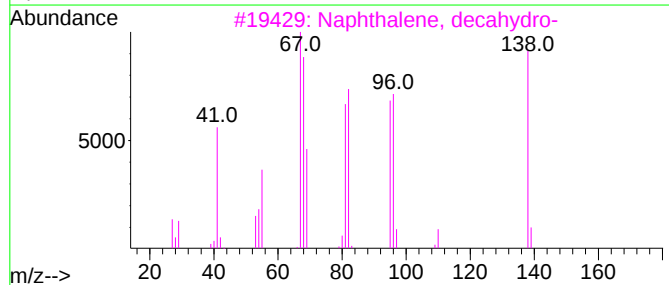
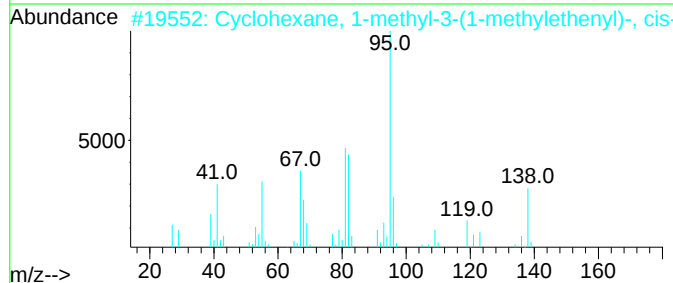
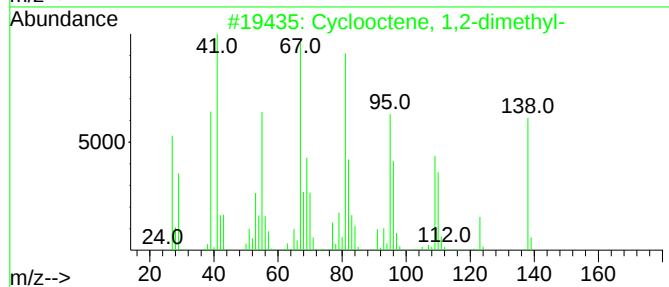
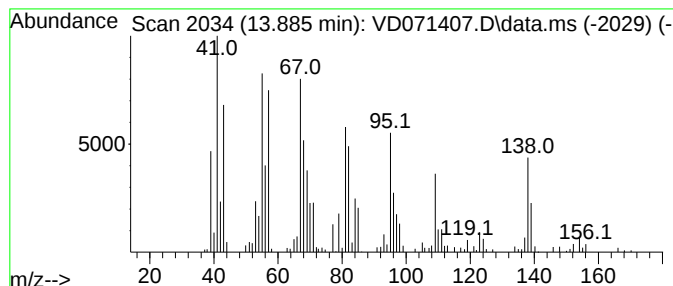
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclooctene, 1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.885	8.25 ug/l	388915	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	86
2			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	76
3			Naphthalene, decahydro-	138	C10H18	000091-17-8	58
4			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	53
5			9-Oxabicyclo[3.3.1]non-6-en-2-one	138	C8H10O2	1000190-61-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
Data File : VD071407.D
Acq On : 21 Dec 2021 13:29
Operator : VA/SY
Sample : M5179-01
Misc : 6.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
POST-EXCAVATION-BOTTOM-WEST

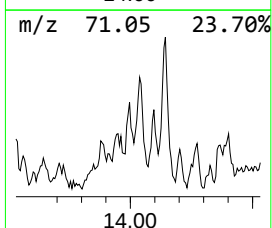
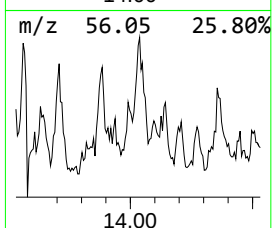
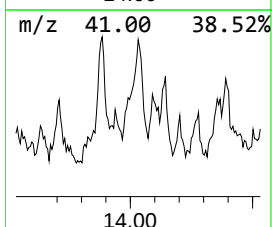
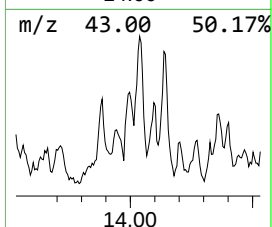
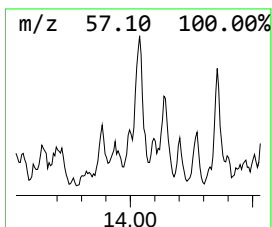
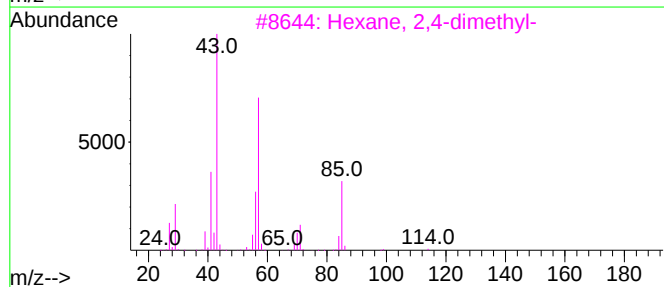
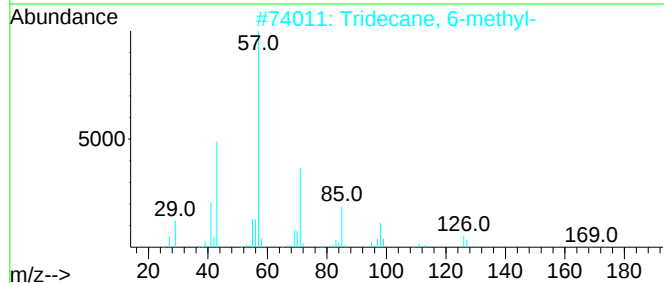
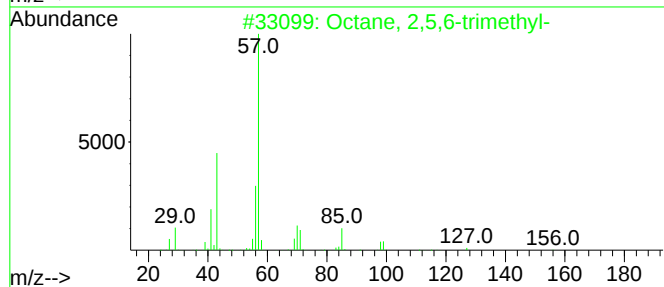
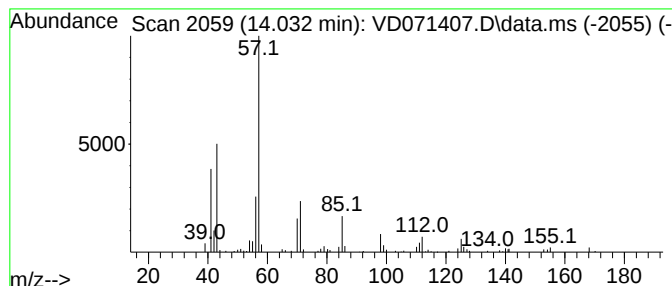
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octane, 2,5,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.032	7.46 ug/l	351593	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	50
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
4			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
Data File : VD071407.D
Acq On : 21 Dec 2021 13:29
Operator : VA/SY
Sample : M5179-01
Misc : 6.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
POST-EXCAVATION-BOTTOM-WEST

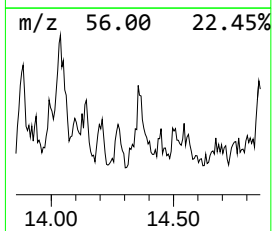
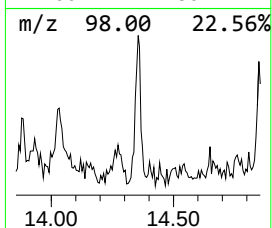
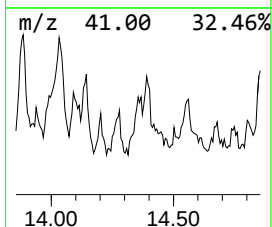
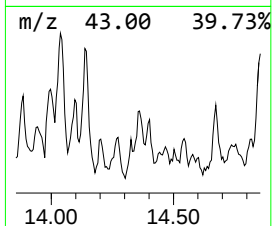
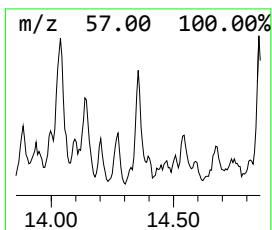
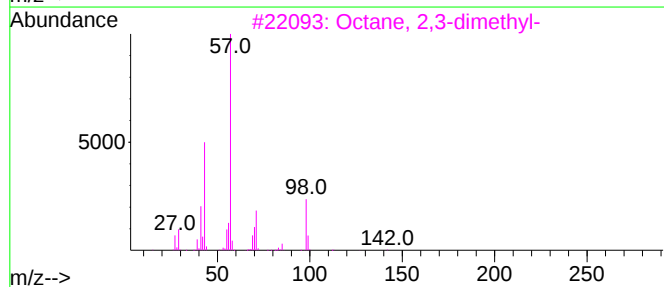
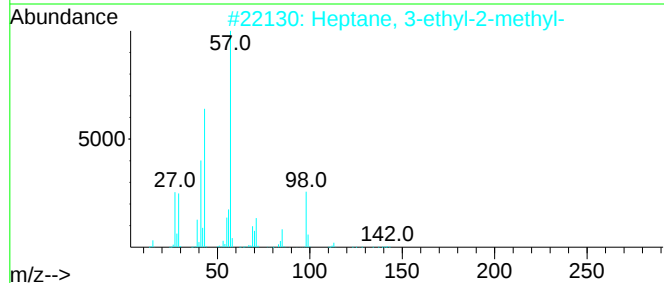
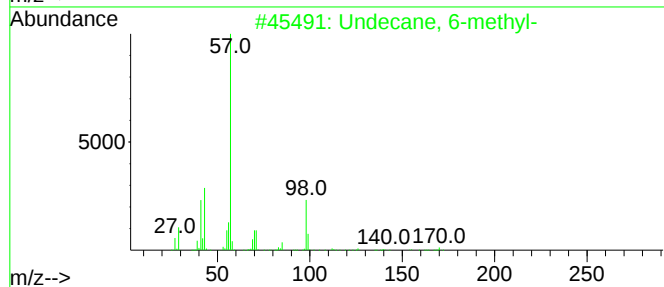
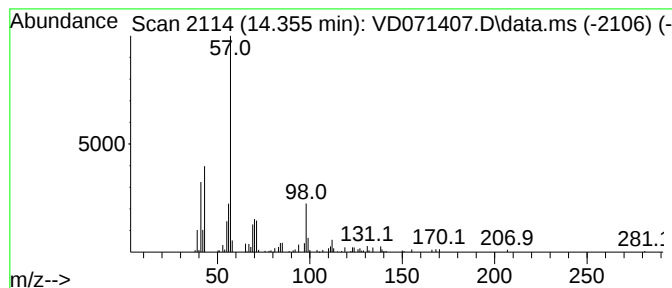
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Undecane, 6-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.355	5.89 ug/l	277601	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 6-methyl-	170	C12H26	017302-33-9	64
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
3			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
4			Heptane, 4-propyl-	142	C10H22	003178-29-8	50
5			Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
Data File : VD071407.D
Acq On : 21 Dec 2021 13:29
Operator : VA/SY
Sample : M5179-01
Misc : 6.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
POST-EXCAVATION-BOTTOM-WEST

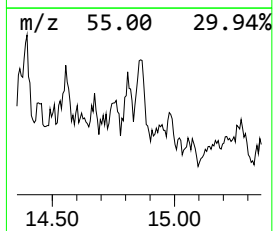
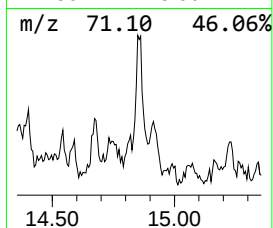
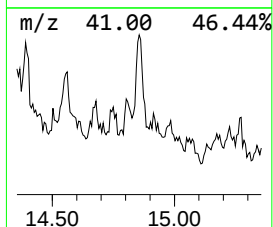
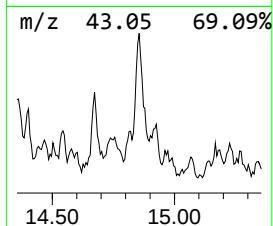
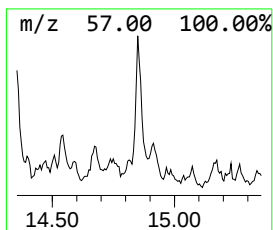
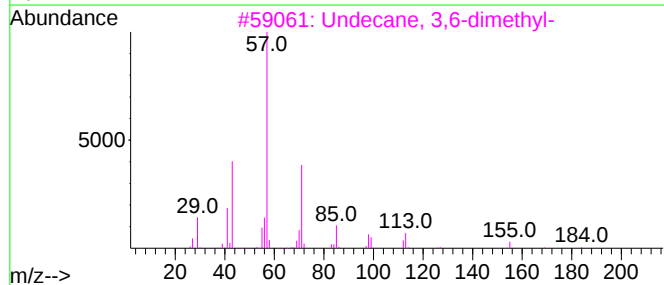
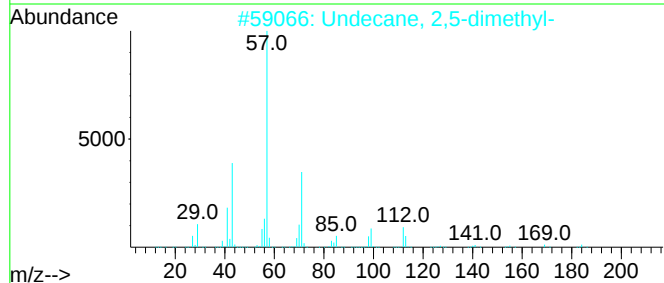
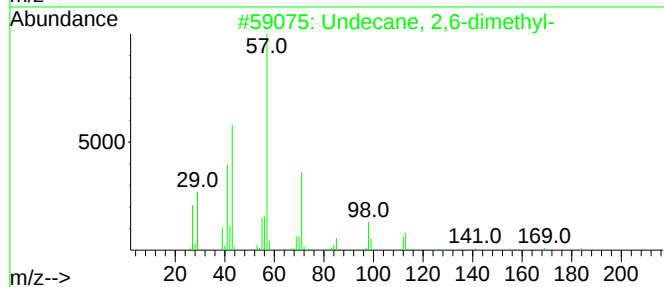
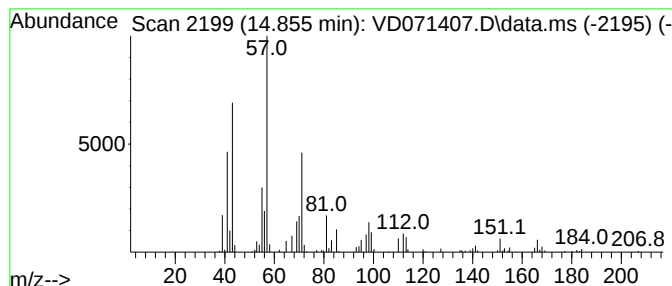
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.855	6.70 ug/l	315897	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	80
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4			Carbonic acid, octyl prop-1-en-2...	214	C12H22O3	1000382-54-0	49
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
Data File : VD071407.D
Acq On : 21 Dec 2021 13:29
Operator : VA/SY
Sample : M5179-01
Misc : 6.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
POST-EXCAVATION-BOTTOM-WEST

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Nonadecene	12.144	8.1	ug/l	398973	3	11.638	2467330	50.0
Heptane, 3-ethy...	12.373	14.0	ug/l	692459	3	11.638	2467330	50.0
2,6-Dimethyl-6-...	12.785	11.9	ug/l	563185	4	13.567	2357130	50.0
1-Methyl-4-(1-m...	12.873	7.2	ug/l	338512	4	13.567	2357130	50.0
Cyclohexane, bu...	13.455	5.3	ug/l	248703	4	13.567	2357130	50.0
Cyclooctene, 1,...	13.885	8.3	ug/l	388915	4	13.567	2357130	50.0
Octane, 2,5,6-t...	14.032	7.5	ug/l	351593	4	13.567	2357130	50.0
Undecane, 6-met...	14.355	5.9	ug/l	277601	4	13.567	2357130	50.0
Undecane, 2,6-d...	14.855	6.7	ug/l	315897	4	13.567	2357130	50.0