

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077236.D
 Acq On : 28 Sep 2023 18:18
 Operator : JC/SY
 Sample : 04668-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200045

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\82D091823S.M
 Title : SW846 8260

Signal : TIC: VD077236.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.681	10	16	20	rBV	181362	286625	21.82%	2.878%
2	1.734	20	25	35	rVB	315001	652111	49.64%	6.548%
3	4.793	536	545	557	rBV4	15267	48572	3.70%	0.488%
4	7.063	925	931	942	rVB2	6797	19548	1.49%	0.196%
5	7.805	1048	1057	1063	rBV	165781	395445	30.10%	3.971%
6	7.875	1063	1069	1080	rVB	204629	468191	35.64%	4.701%
7	8.228	1117	1129	1141	rBV	127713	289072	22.01%	2.903%
8	8.775	1213	1222	1232	rBV	388475	790142	60.15%	7.934%
9	10.269	1464	1476	1488	rBV	652865	1205230	91.75%	12.102%
10	10.657	1538	1542	1547	rBV4	8632	15094	1.15%	0.152%
11	11.028	1600	1605	1614	rBV2	22375	37949	2.89%	0.381%
12	11.581	1692	1699	1712	rVB	770000	1313605	100.00%	13.190%
13	12.492	1842	1854	1861	rVV	39510	176888	13.47%	1.776%
14	12.575	1862	1868	1877	rVB	613766	1038846	79.08%	10.431%
15	12.904	1919	1924	1926	rBV6	26162	45908	3.49%	0.461%
16	12.963	1928	1934	1946	rVB2	73177	235263	17.91%	2.362%
17	13.128	1959	1962	1968	rBV8	15438	27878	2.12%	0.280%
18	13.516	2022	2028	2038	rVB	609819	1005909	76.58%	10.101%
19	13.657	2048	2052	2059	rVB9	34188	71050	5.41%	0.713%
20	13.839	2079	2083	2089	rBV7	47283	94527	7.20%	0.949%
21	14.169	2135	2139	2144	rVB	89868	138436	10.54%	1.390%
22	14.345	2165	2169	2182	rVB10	84189	220828	16.81%	2.217%
23	14.481	2186	2192	2193	rBV6	44377	84499	6.43%	0.848%
24	14.516	2194	2198	2202	rVB5	70716	109820	8.36%	1.103%
25	14.704	2227	2230	2235	rBV5	34238	47020	3.58%	0.472%
26	14.763	2235	2240	2246	rBV6	86604	232903	17.73%	2.339%
27	14.822	2246	2250	2256	rVV6	91005	210407	16.02%	2.113%
28	15.304	2329	2332	2339	rBV3	64625	103444	7.87%	1.039%
29	16.263	2492	2495	2501	rVB6	92525	152702	11.62%	1.533%
30	16.339	2503	2508	2513	rBV4	85409	180693	13.76%	1.814%
31	16.592	2546	2551	2558	rBV9	119209	260219	19.81%	2.613%

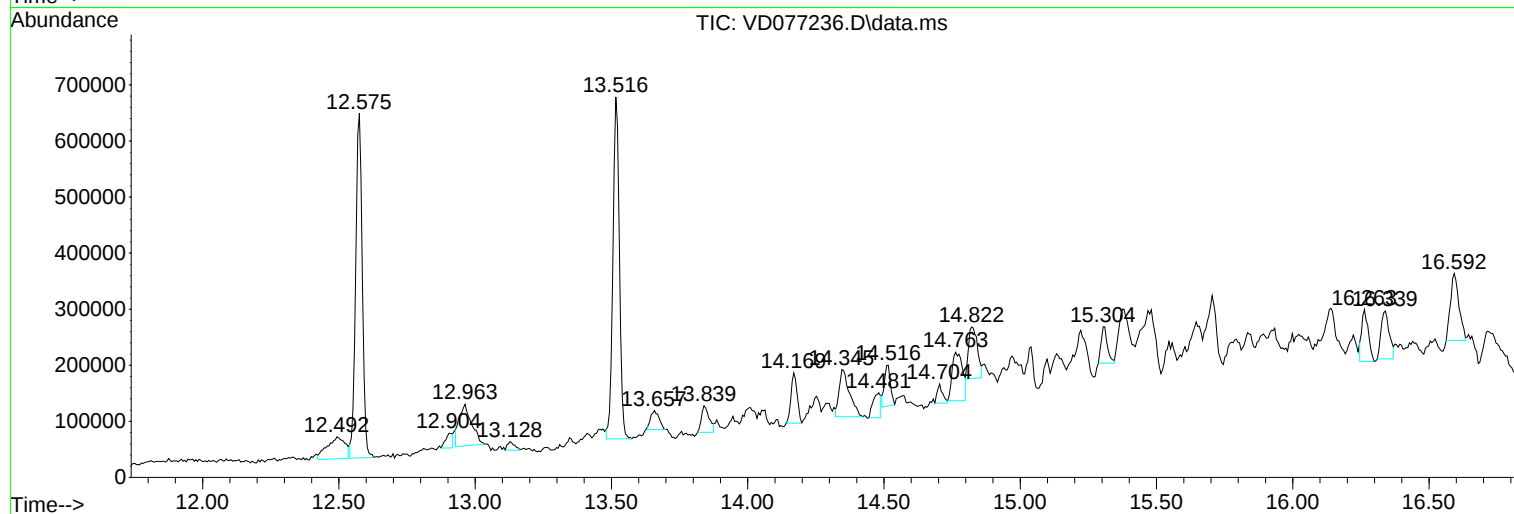
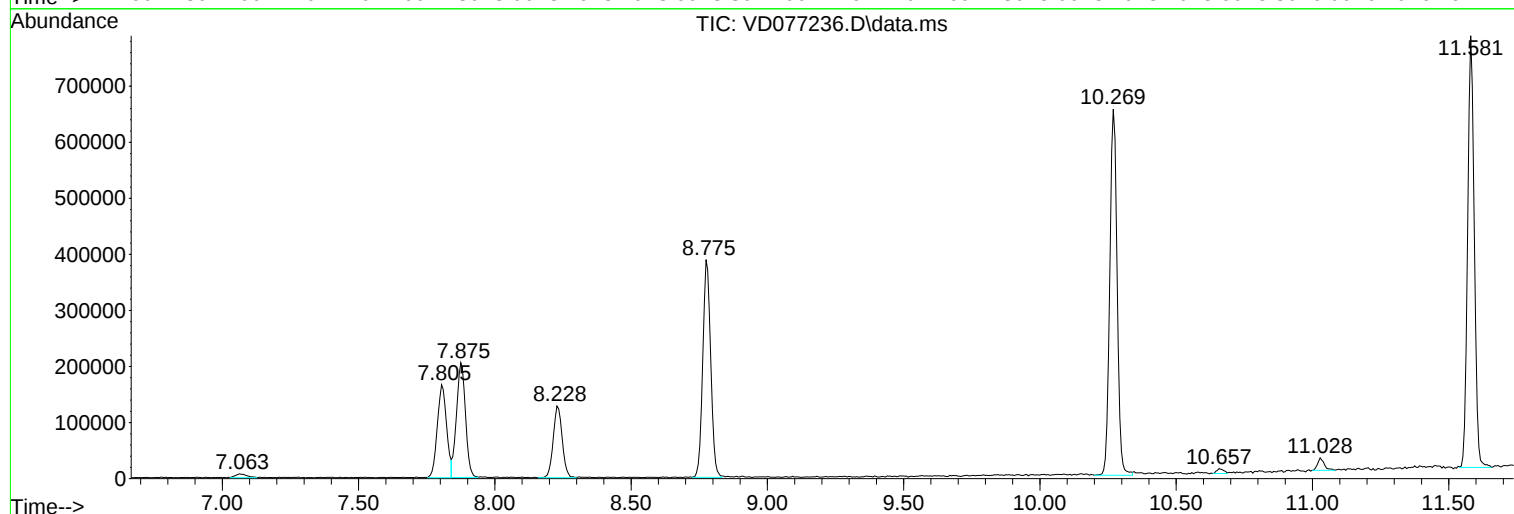
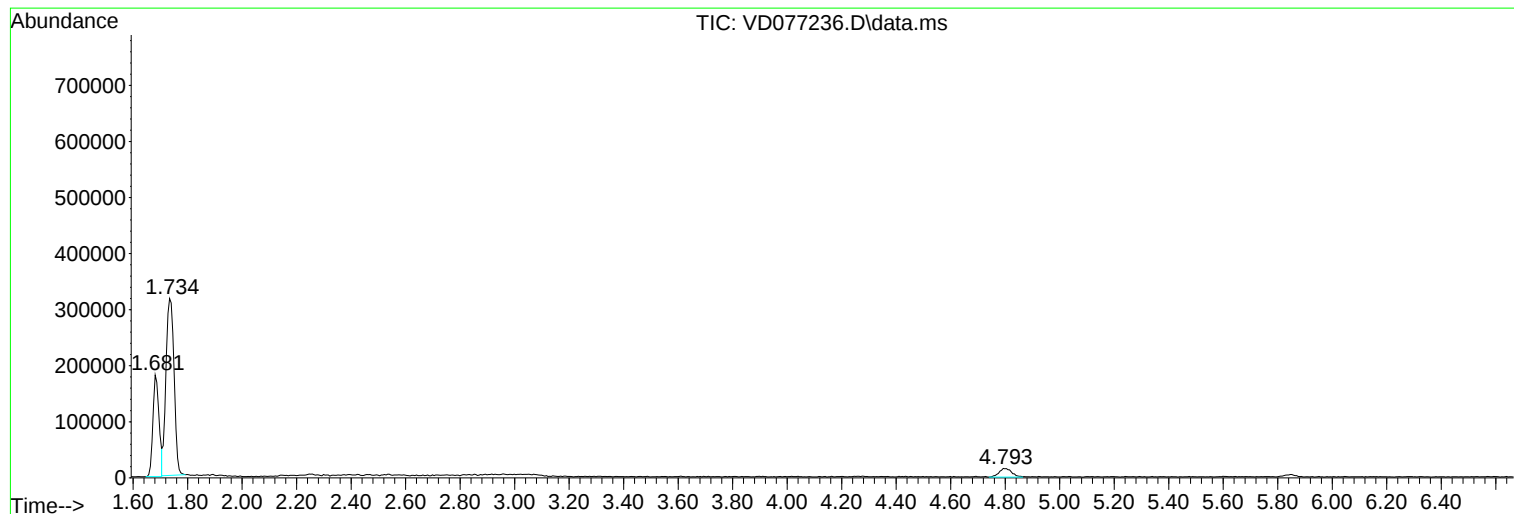
Sum of corrected areas: 9958824

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
Data File : VD077236.D
Acq On : 28 Sep 2023 18:18
Operator : JC/SY
Sample : 04668-01
Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR200045

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
Data File : VD077236.D
Acq On : 28 Sep 2023 18:18
Operator : JC/SY
Sample : 04668-01
Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR200045

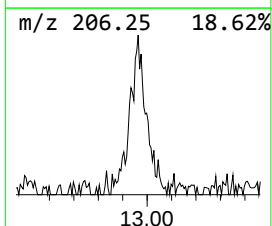
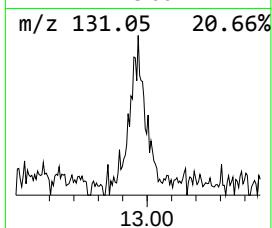
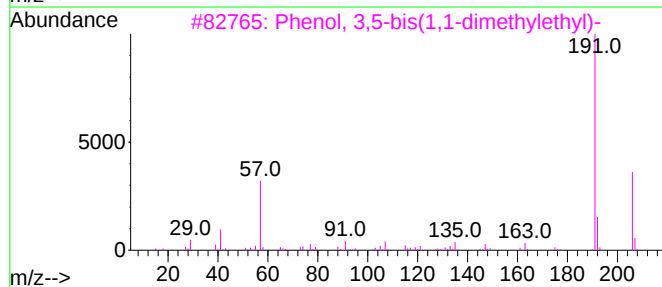
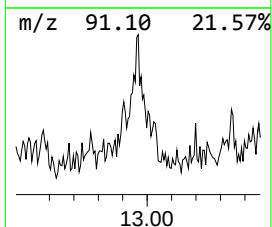
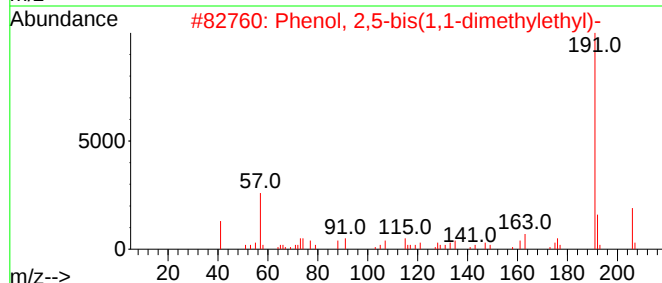
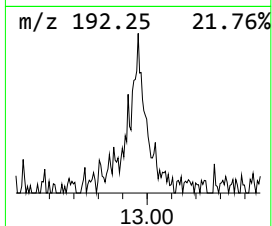
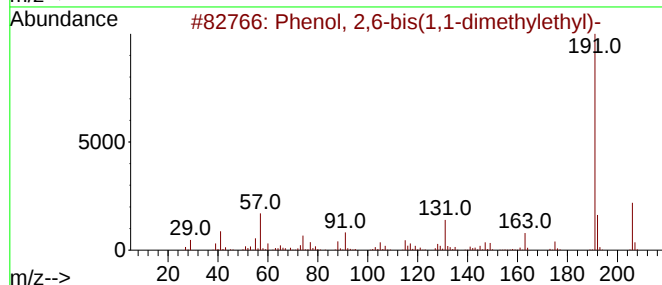
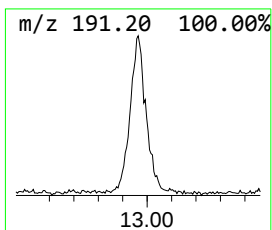
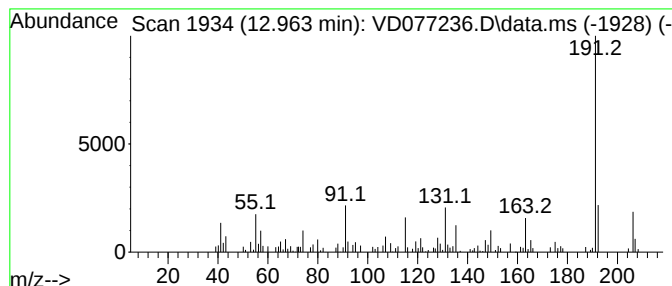
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

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

Peak Number 3 Phenol, 2,6-bis(1,1-dimethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	11.69 ug/l	235263	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	90
2			Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	68
3			Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	64
4			2,4-Di-tert-butylphenol	206	C14H22O	000096-76-4	58
5			Silane, [4-(1,1-dimethylethyl)ph...]	206	C13H22Si	018412-68-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
Data File : VD077236.D
Acq On : 28 Sep 2023 18:18
Operator : JC/SY
Sample : 04668-01
Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

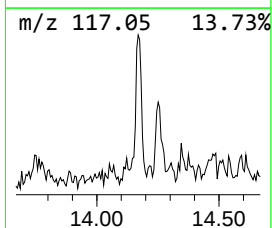
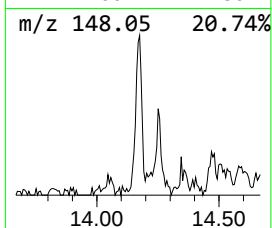
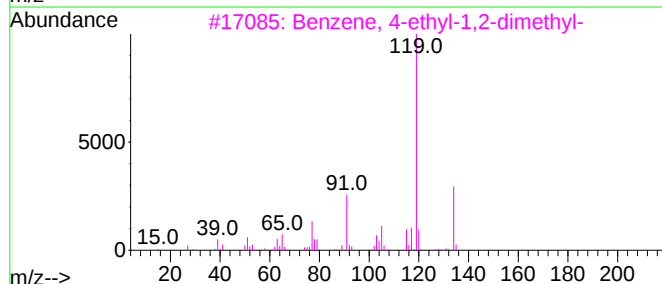
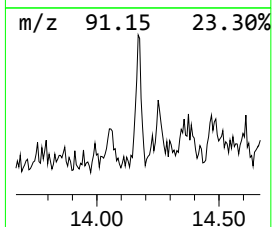
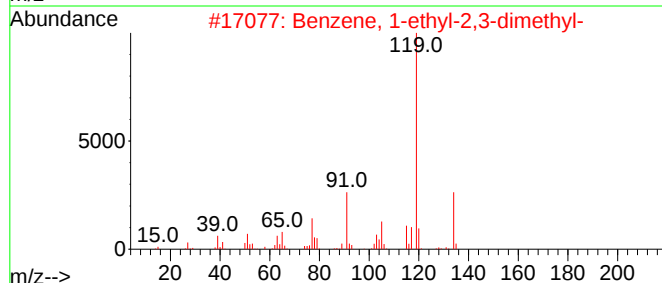
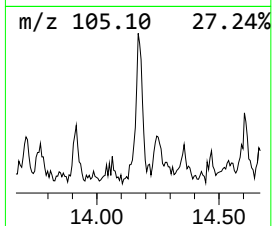
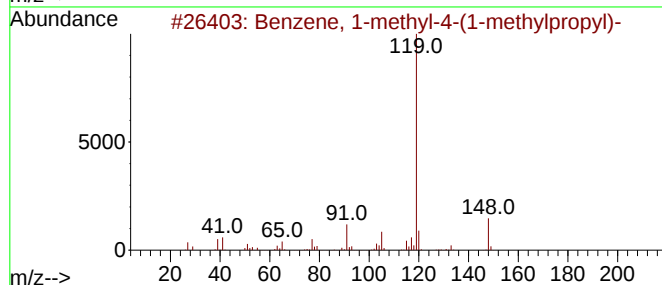
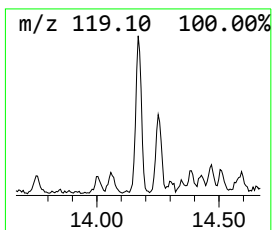
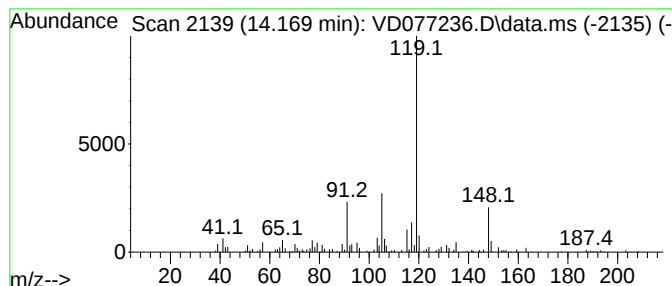
Instrument :
MSVOA_D
ClientSampleId :
RBR200045

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-methyl-4-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.169	6.88 ug/l	138436	1,4-Dichlorobenzene-d4			13.516
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...		148	C11H16	001595-16-0	68
2	Benzene, 1-ethyl-2,3-dimethyl-		134	C10H14	000933-98-2	64
3	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	64
4	o-Cymene		134	C10H14	000527-84-4	60
5	Benzene, (1,1-dimethylpropyl)-		148	C11H16	002049-95-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
Data File : VD077236.D
Acq On : 28 Sep 2023 18:18
Operator : JC/SY
Sample : 04668-01
Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR200045

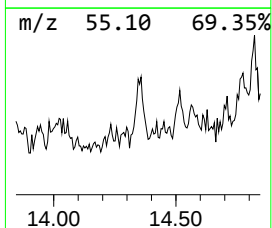
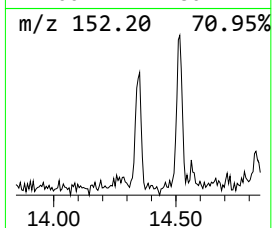
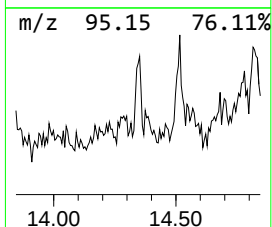
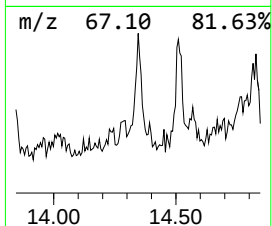
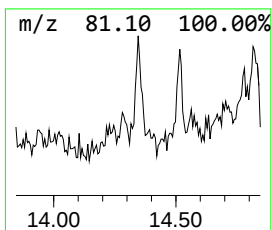
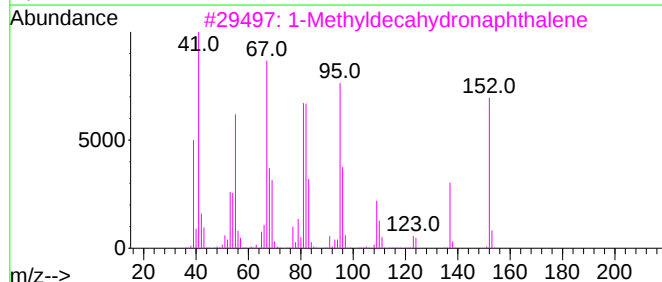
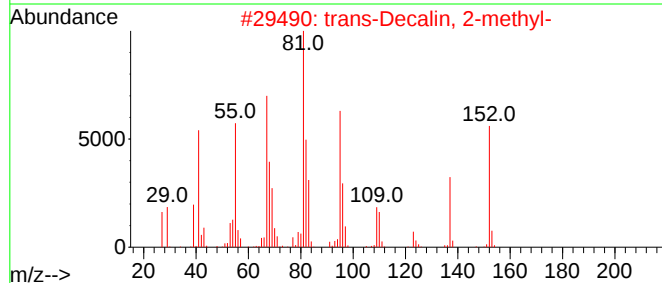
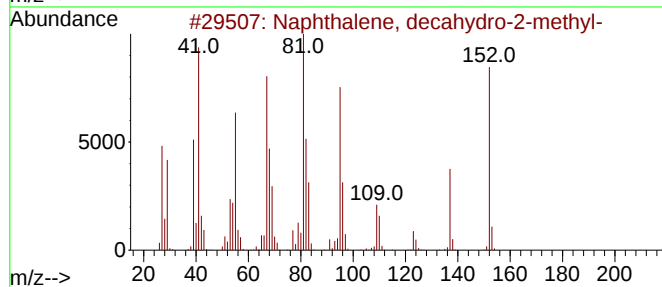
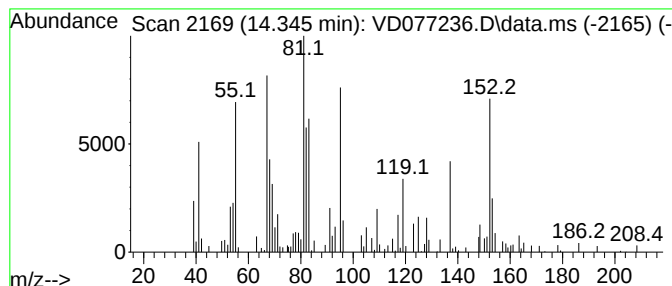
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	10.98 ug/l	220828	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
3			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	60
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	58
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
Data File : VD077236.D
Acq On : 28 Sep 2023 18:18
Operator : JC/SY
Sample : 04668-01
Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

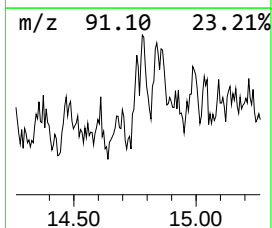
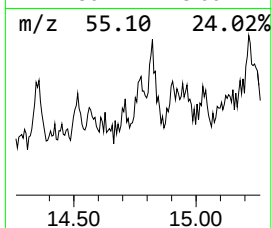
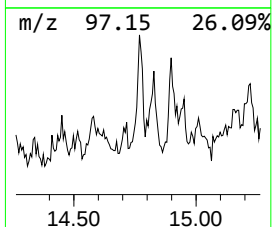
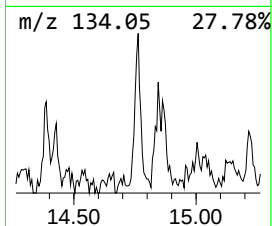
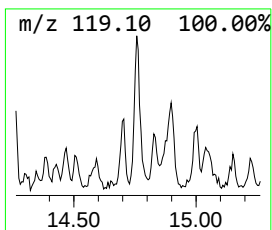
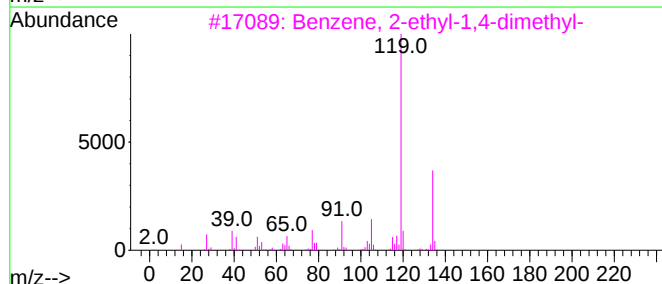
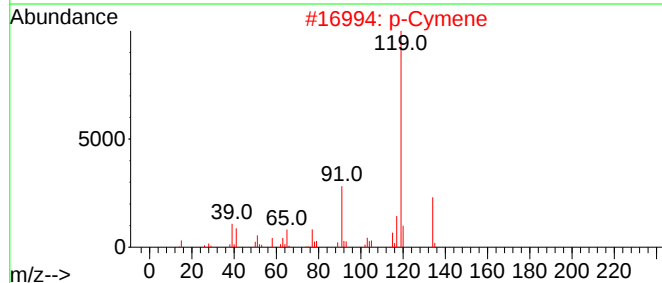
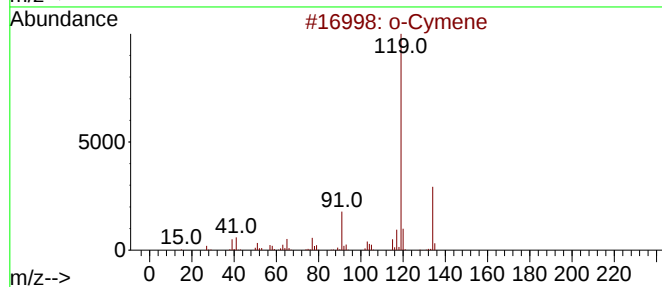
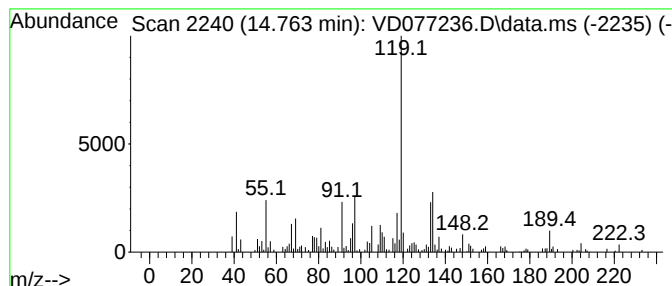
Instrument :
MSVOA_D
ClientSampleId :
RBR200045

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

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

Peak Number 6 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.763	11.58 ug/l	232903	1,4-Dichlorobenzene-d4			13.516
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	o-Cymene		134	C10H14	000527-84-4	60
2	p-Cymene		134	C10H14	000099-87-6	60
3	Benzene, 2-ethyl-1,4-dimethyl-		134	C10H14	001758-88-9	60
4	Benzene, 1-ethyl-2,3-dimethyl-		134	C10H14	000933-98-2	60
5	5H-5-Methyl-6,7-dihydrocyclopent...		134	C8H10N2	023747-48-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
Data File : VD077236.D
Acq On : 28 Sep 2023 18:18
Operator : JC/SY
Sample : 04668-01
Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR200045

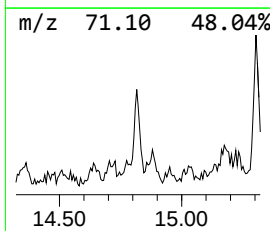
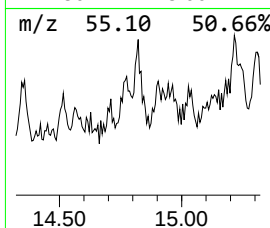
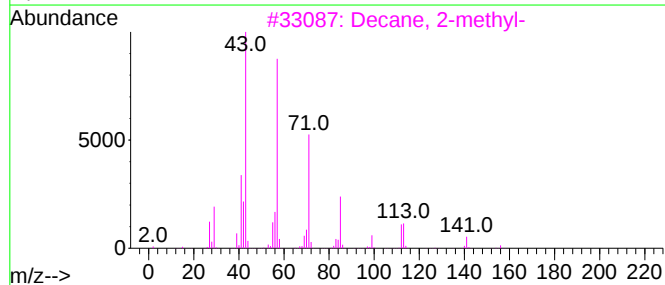
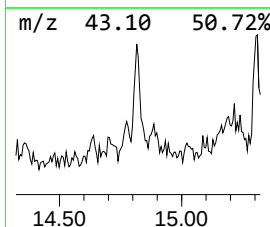
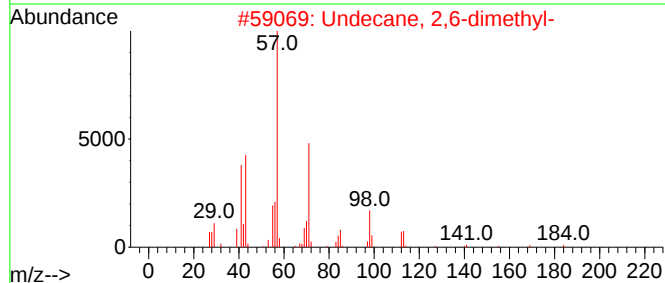
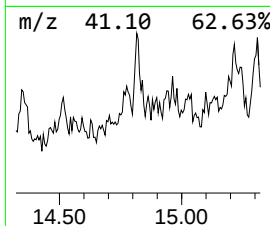
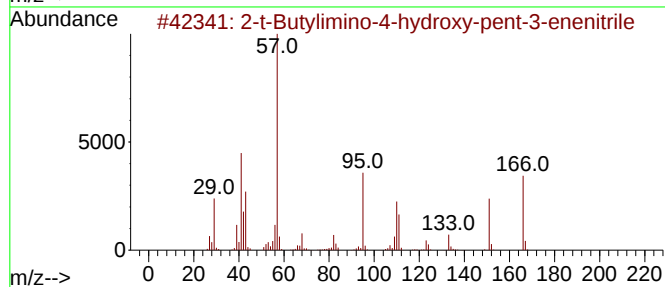
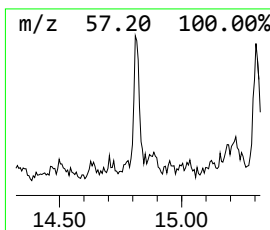
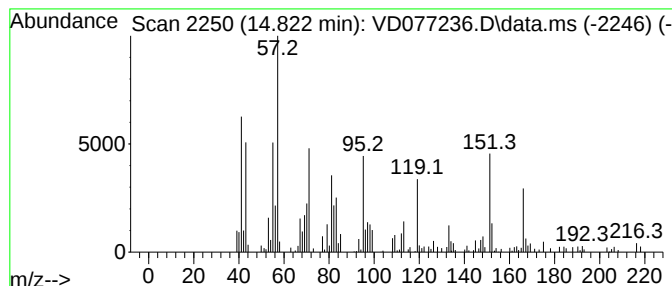
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown14.822 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.822	10.46 ug/l	210407	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-t-Butylimino-4-hydroxy-pent-3-...	166	C9H14N2O	1000186-22-1	35		
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	20		
3	Decane, 2-methyl-	156	C11H24	006975-98-0	18		
4	3-Acetyl-2,6-dimethyl-2,5-heptad...	166	C11H18O	1000432-11-5	14		
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	14		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
Data File : VD077236.D
Acq On : 28 Sep 2023 18:18
Operator : JC/SY
Sample : 04668-01
Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

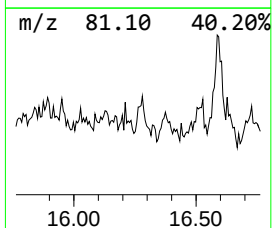
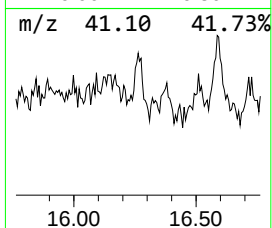
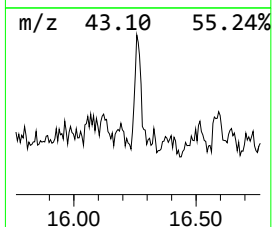
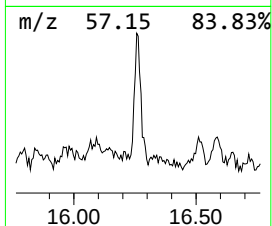
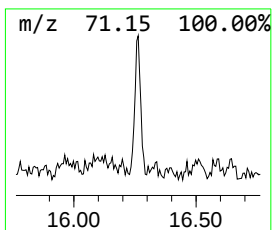
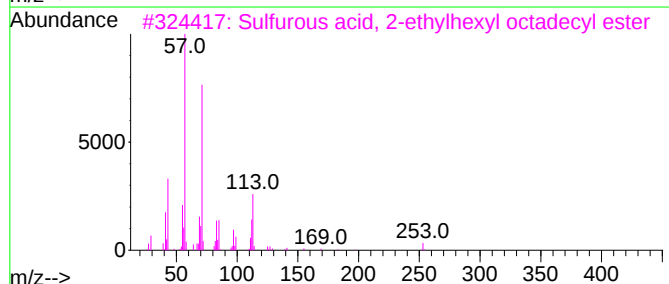
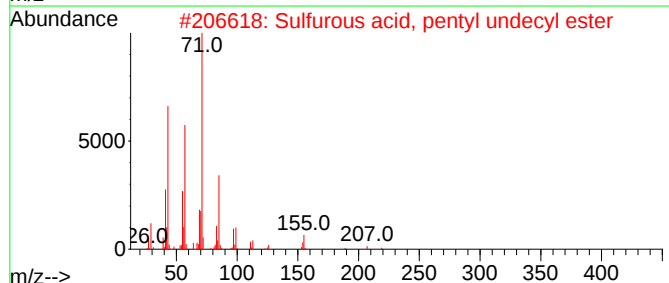
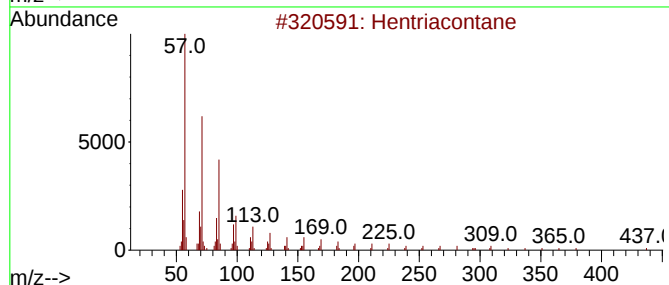
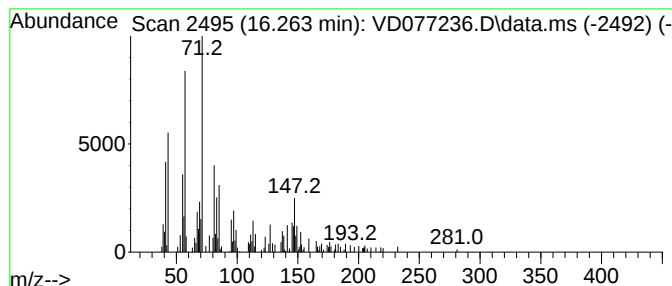
Instrument :
MSVOA_D
ClientSampleId :
RBR200045

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

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

Peak Number 8 unknown16.263 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.263	7.59 ug/l	152702	1,4-Dichlorobenzene-d4	13.516	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	49
2	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	38
3	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	38
4	Carbonic acid, decyl heptadecyl ...	440	C28H56O3	1000383-16-6	30
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
Data File : VD077236.D
Acq On : 28 Sep 2023 18:18
Operator : JC/SY
Sample : 04668-01
Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR200045

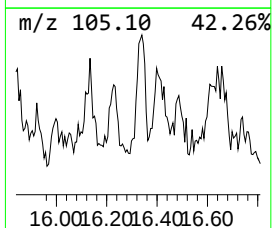
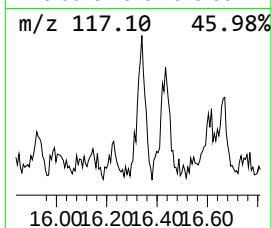
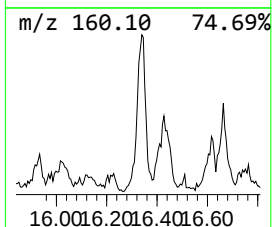
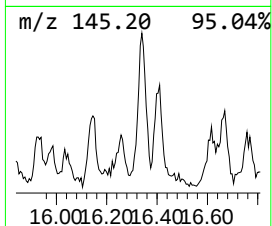
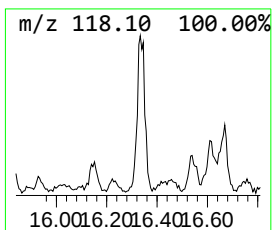
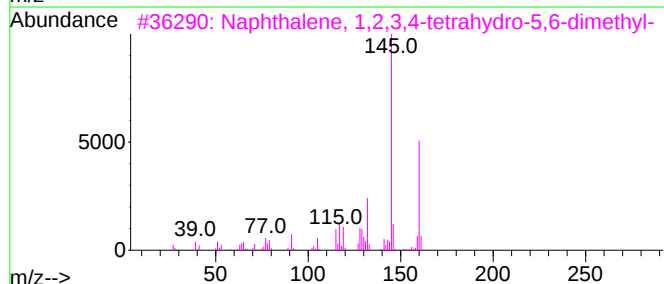
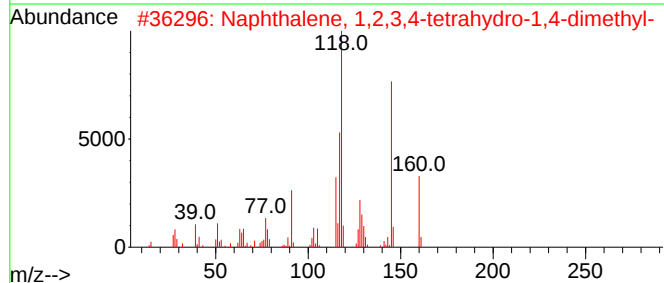
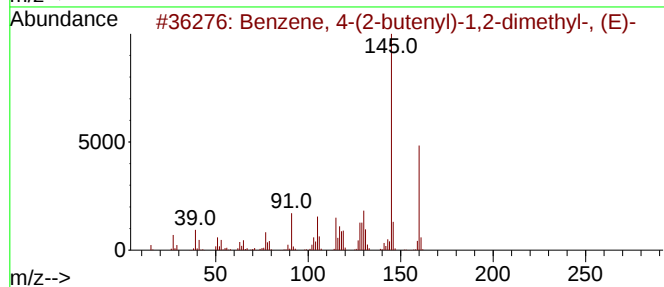
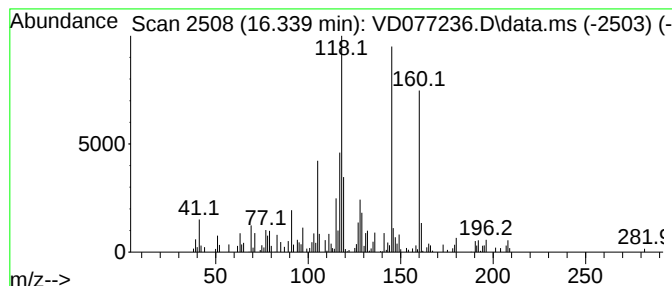
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.339	8.98 ug/l	180693	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	89
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	87
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	86
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	76
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
Data File : VD077236.D
Acq On : 28 Sep 2023 18:18
Operator : JC/SY
Sample : 04668-01
Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR200045

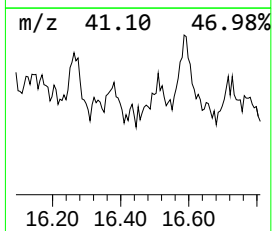
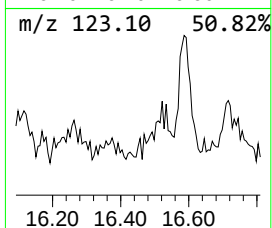
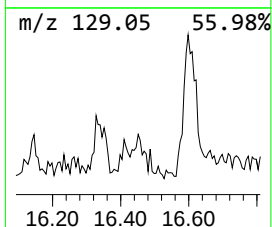
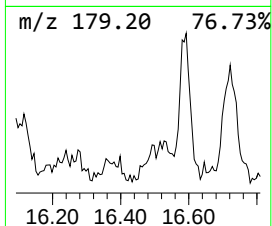
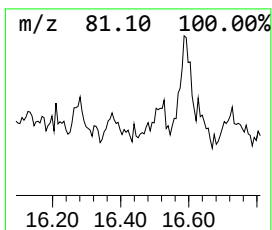
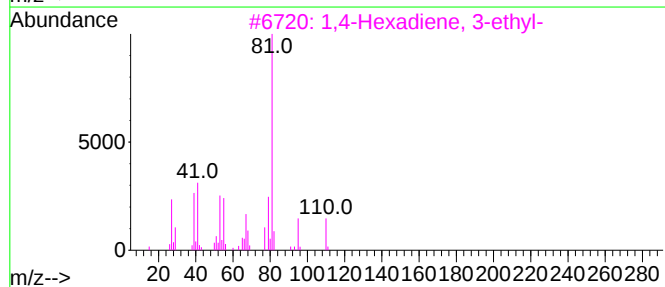
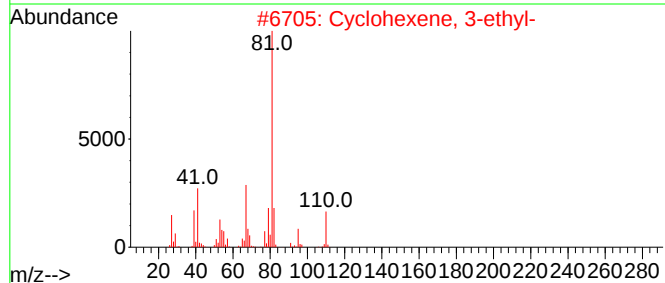
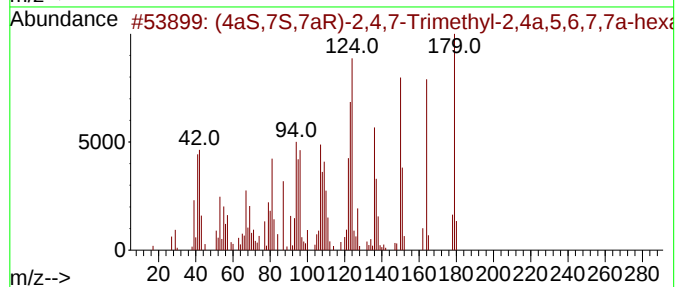
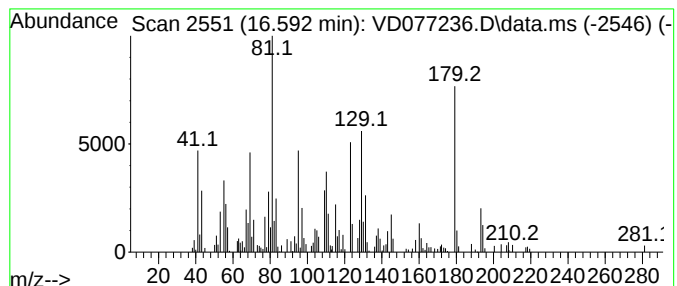
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown16.592 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.592	12.93 ug/l	260219	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(4aS,7S,7aR)-2,4,7-Trimethyl-2,4...	179	C11H17NO	1000412-85-5	38
2			Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	18
3			1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	18
4			2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	041678-32-4	18
5			2-n-Butyl furan	124	C8H12O	004466-24-4	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
Data File : VD077236.D
Acq On : 28 Sep 2023 18:18
Operator : JC/SY
Sample : 04668-01
Misc : 5.01G/5.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR200045

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.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
Phenol, 2,6-bis...	12.963	11.7	ug/l	235263	4	13.516	1005910	50.0
Benzene, 1-meth...	14.169	6.9	ug/l	138436	4	13.516	1005910	50.0
Naphthalene, de...	14.345	11.0	ug/l	220828	4	13.516	1005910	50.0
o-Cymene	14.763	11.6	ug/l	232903	4	13.516	1005910	50.0
unknown14.822	14.822	10.5	ug/l	210407	4	13.516	1005910	50.0
unknown16.263	16.263	7.6	ug/l	152702	4	13.516	1005910	50.0
Benzene, 4-(2-b...	16.339	9.0	ug/l	180693	4	13.516	1005910	50.0
unknown16.592	16.592	12.9	ug/l	260219	4	13.516	1005910	50.0