

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009651.D
 Acq On : 22 Jul 2022 11:33
 Operator : KP/MD
 Sample : N3773-10
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-1(5-5.5)

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_Y\methods\82Y071822S.M
 Title : SW846 8260

Signal : TIC: VY009651.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.241	59	69	76	rBV	53398	89985	11.50%	1.362%
2	2.375	87	91	96	rBV	5297	8105	1.04%	0.123%
3	2.893	167	176	191	rBV	121748	267559	34.20%	4.051%
4	3.241	224	233	247	rVB2	38888	91619	11.71%	1.387%
5	3.686	297	306	319	rVB2	6560	17690	2.26%	0.268%
6	3.942	335	348	357	rBV4	11261	37050	4.74%	0.561%
7	4.698	456	472	503	rBV8	77825	443766	56.73%	6.719%
8	5.228	541	559	575	rBV4	35201	128093	16.38%	1.939%
9	5.570	604	615	631	rBV5	2864	10052	1.29%	0.152%
10	5.734	631	642	657	rVB3	16099	50614	6.47%	0.766%
11	6.088	690	700	713	rBV4	4169	14255	1.82%	0.216%
12	6.527	762	772	783	rBV4	4708	15662	2.00%	0.237%
13	6.679	785	797	804	rBV3	10101	31905	4.08%	0.483%
14	6.783	804	814	825	rVV	65067	192805	24.65%	2.919%
15	6.984	836	847	859	rBV4	7196	27607	3.53%	0.418%
16	7.521	919	935	944	rVB7	6772	21880	2.80%	0.331%
17	7.710	951	966	971	rBV	114562	271273	34.68%	4.107%
18	7.783	971	978	985	rVV	263063	611147	78.13%	9.253%
19	7.862	985	991	1002	rVV	37367	96387	12.32%	1.459%
20	7.996	1002	1013	1017	rVV3	8809	21263	2.72%	0.322%
21	8.051	1017	1022	1028	rVV3	8272	20334	2.60%	0.308%
22	8.136	1028	1036	1048	rVV	107480	241673	30.89%	3.659%
23	8.271	1048	1058	1059	rVV4	14830	30916	3.95%	0.468%
24	8.319	1060	1066	1076	rVV	57879	167004	21.35%	2.529%
25	8.411	1076	1081	1091	rVB2	16988	37746	4.83%	0.572%
26	8.685	1118	1126	1138	rBV	294780	588806	75.27%	8.915%
27	9.179	1193	1207	1214	rBV2	53510	152383	19.48%	2.307%
28	9.240	1214	1217	1224	rVV6	4059	8228	1.05%	0.125%
29	9.319	1224	1230	1234	rVV	5184	10689	1.37%	0.162%
30	9.453	1243	1252	1259	rVB6	4368	10830	1.38%	0.164%
31	9.612	1271	1278	1286	rVB	30956	61492	7.86%	0.931%
32	9.740	1286	1299	1308	rBV2	52718	123407	15.78%	1.869%
33	9.935	1325	1331	1336	rBV4	5173	10903	1.39%	0.165%
34	10.173	1363	1370	1379	rBV	454273	782244	100.00%	11.844%
35	10.581	1431	1437	1439	rBV	9746	18613	2.38%	0.282%
36	10.953	1490	1498	1504	rBV2	6165	14560	1.86%	0.220%

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Integration Parameters: RTEINT.P

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Filtering: 5

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37	11.313	1552	1557	1564	rVB2	5739	10658	1.36%	0.161%
38	11.489	1578	1586	1597	rBV	411492	663334	84.80%	10.044%
39	12.483	1741	1749	1759	rBV2	334719	563084	71.98%	8.526%
40	13.184	1859	1864	1869	rVB2	6993	10620	1.36%	0.161%
41	13.422	1897	1903	1919	rVB	389736	589589	75.37%	8.927%
42	13.965	1985	1992	2000	rVB2	18161	29897	3.82%	0.453%
43	15.318	2204	2214	2220	rVB	5515	8835	1.13%	0.134%

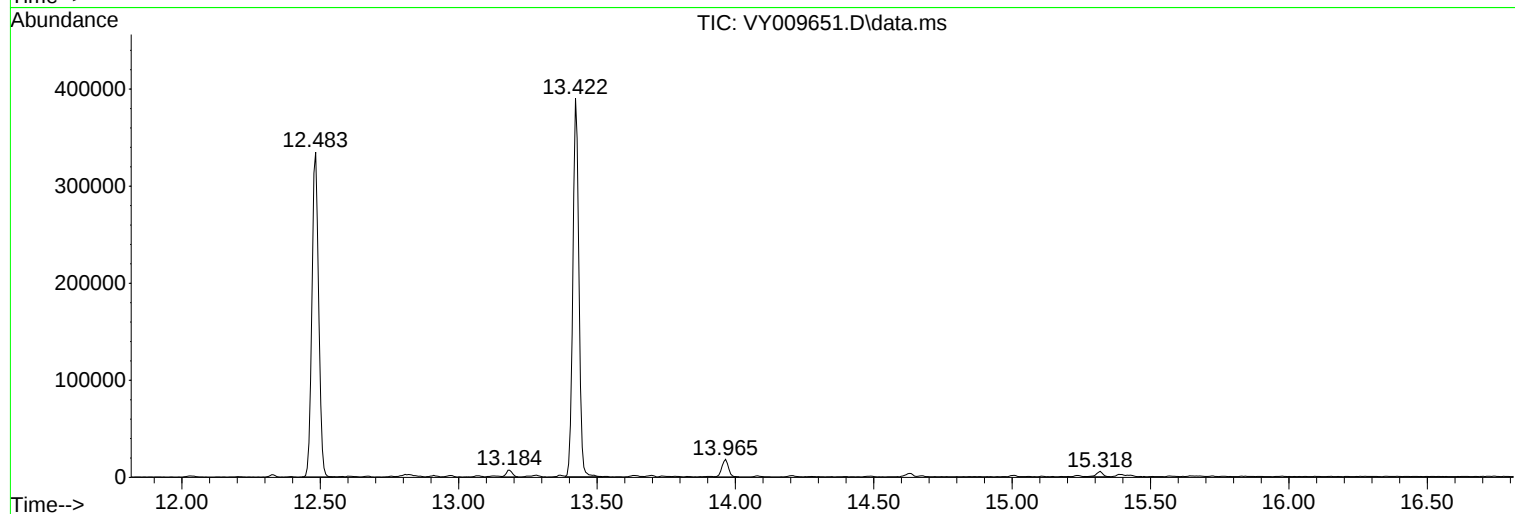
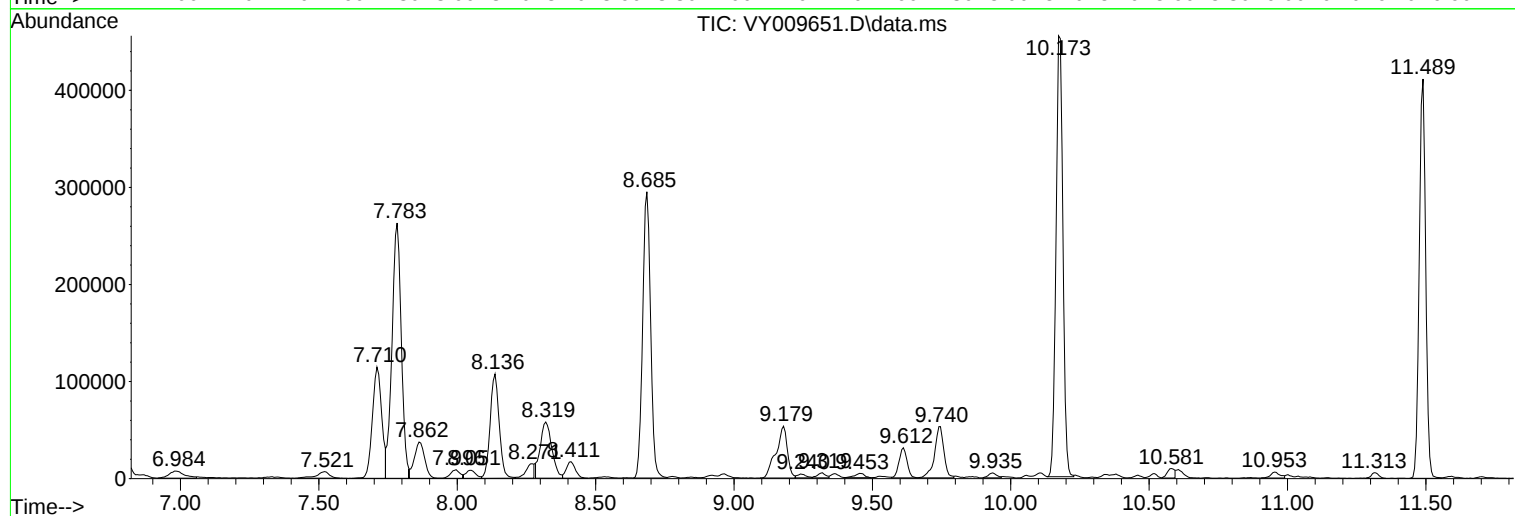
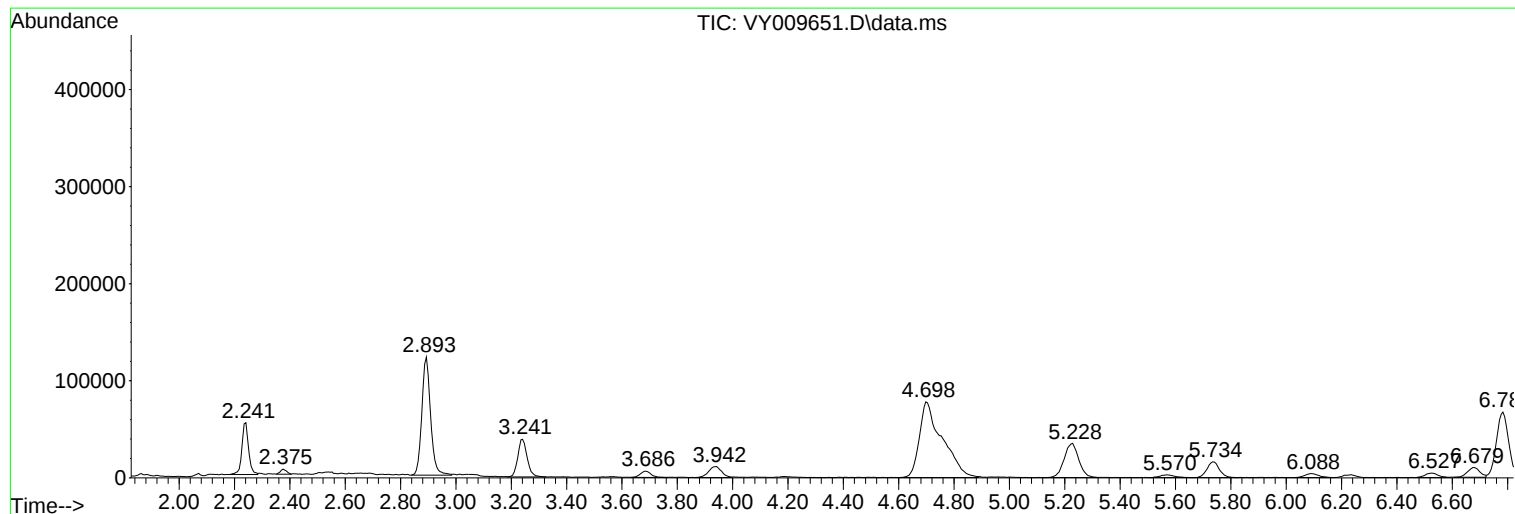
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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



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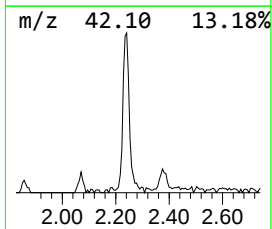
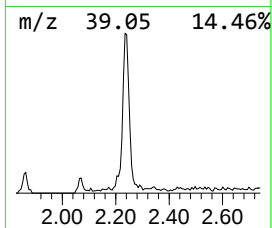
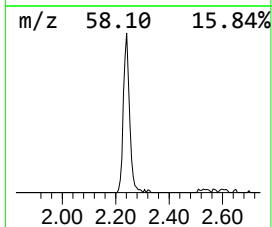
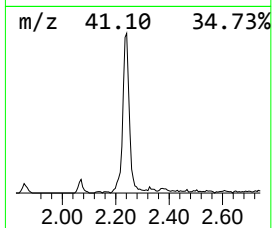
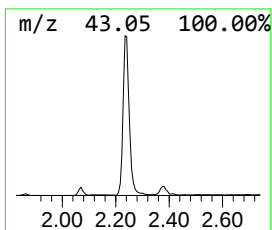
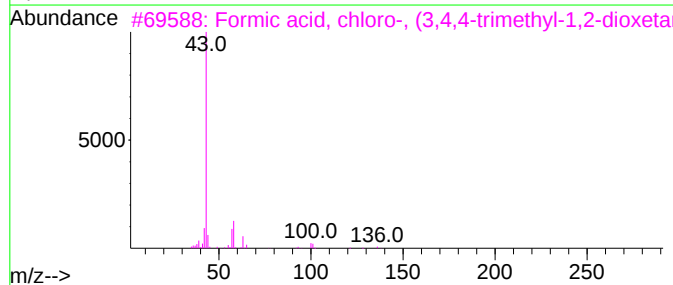
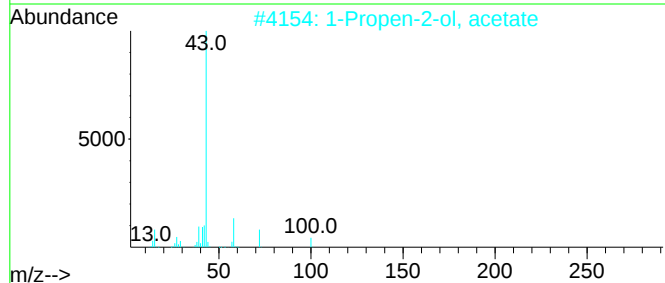
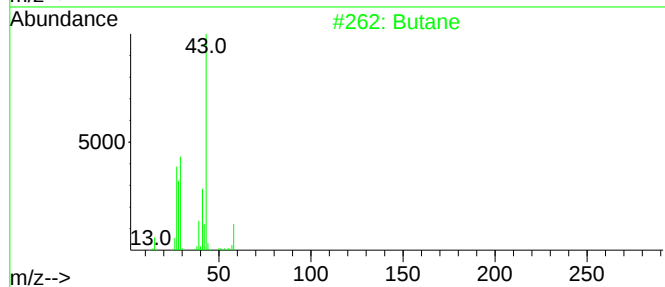
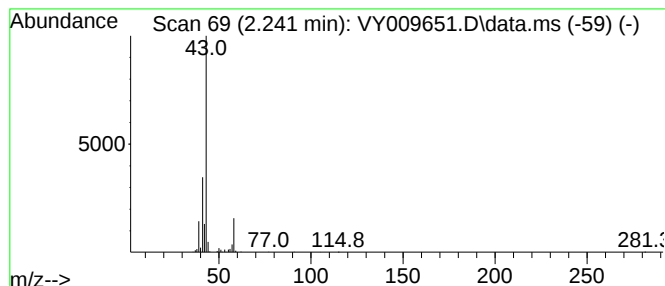
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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

Peak Number 1 Butane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.241	7.36 ug/l	89985	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane	58	C4H10	000106-97-8	80
2			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	40
3			Formic acid, chloro-, (3,4,4-tri...	194	C7H11ClO4	107323-92-2	39
4			Hydroperoxide, 1-methylethyl	76	C3H8O2	003031-75-2	9
5			Isobutane	58	C4H10	000075-28-5	9



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Instrument :
MSVOA_Y
ClientSampleId :
DL-1(5-5.5)

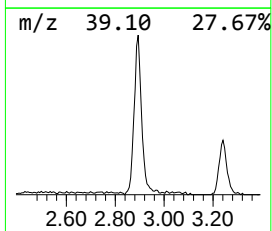
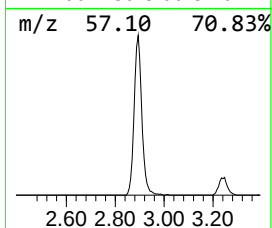
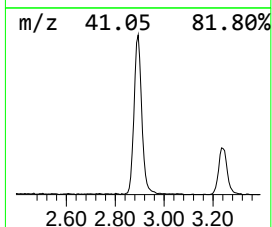
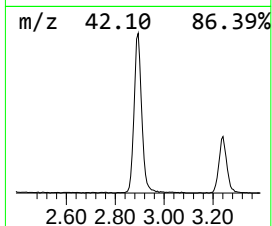
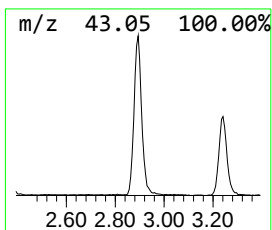
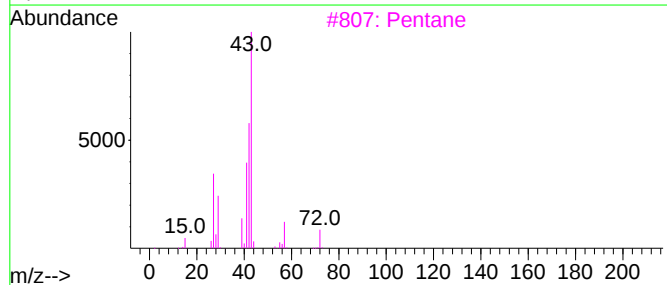
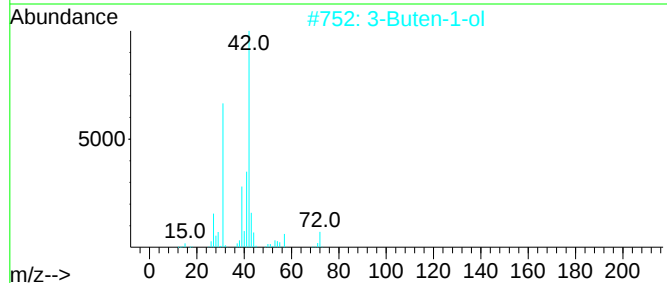
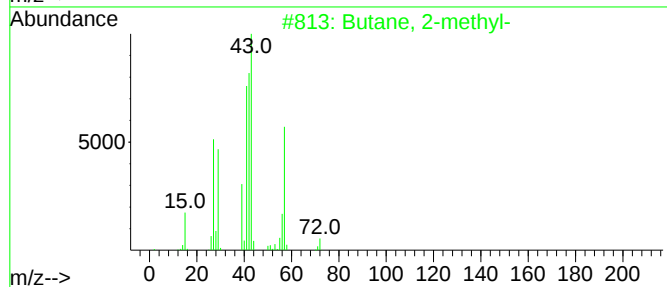
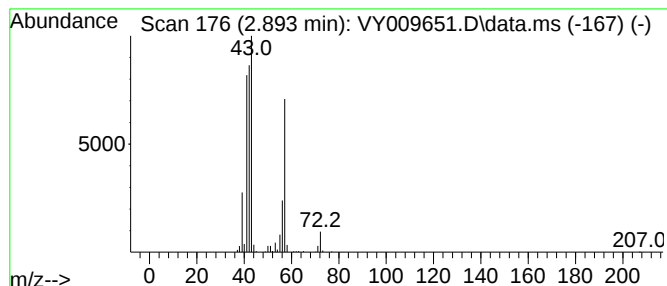
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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

Peak Number 2 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.893	21.89 ug/l	267559	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	90
2			3-Buten-1-ol	72	C4H8O	000627-27-0	47
3			Pentane	72	C5H12	000109-66-0	45
4			1-Butene	56	C4H8	000106-98-9	14
5			1-Butanesulfonyl chloride	156	C4H9ClO2S	002386-60-9	12



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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-1(5-5.5)

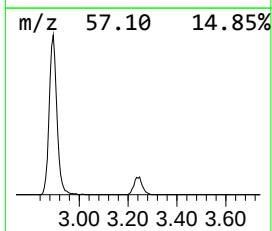
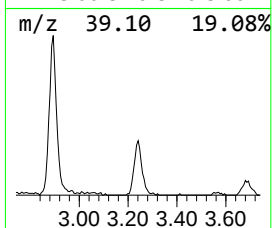
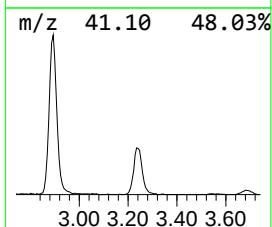
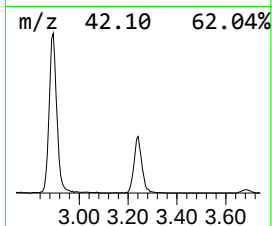
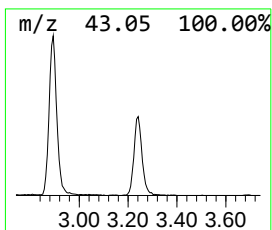
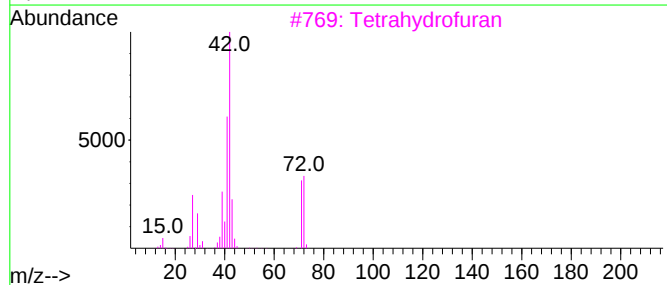
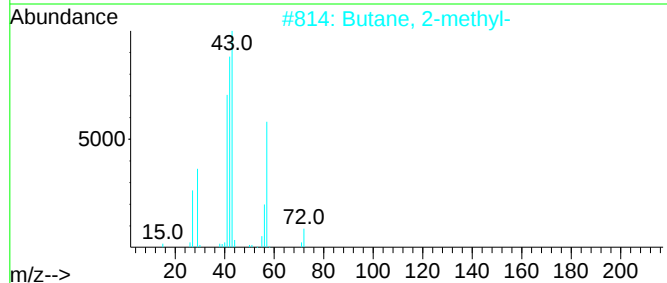
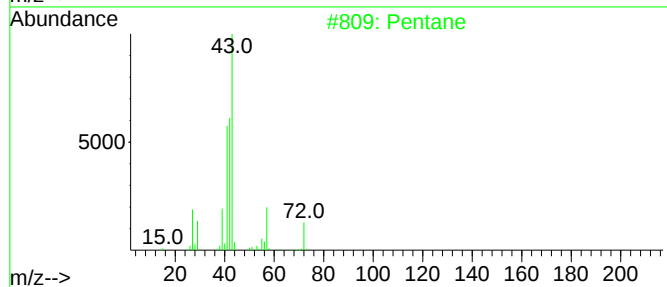
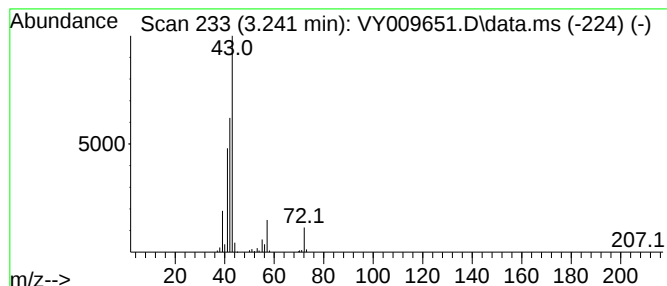
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.241	7.50 ug/l	91619	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane	72	C5H12	000109-66-0	91
2			Butane, 2-methyl-	72	C5H12	000078-78-4	64
3			Tetrahydrofuran	72	C4H8O	000109-99-9	9
4			1-Pentanol	88	C5H12O	000071-41-0	9
5			Butanenitrile, 2-hydroxy-3-methyl-	99	C5H9NO	010021-64-4	9



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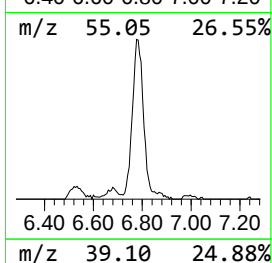
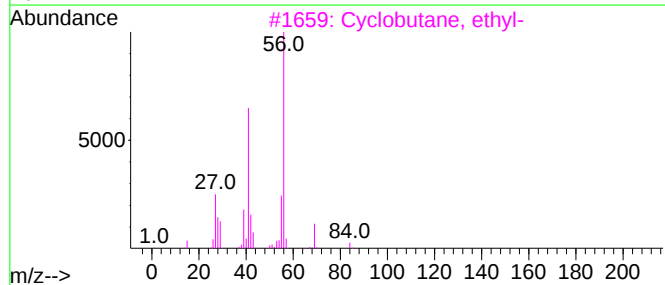
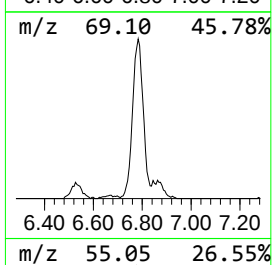
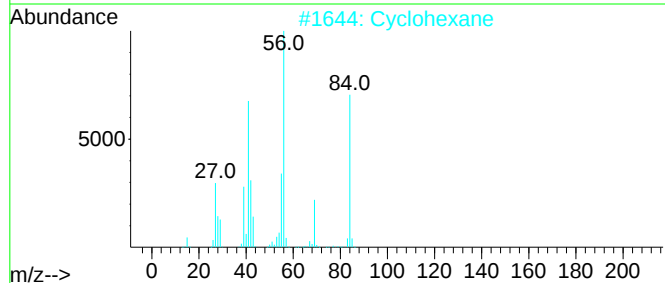
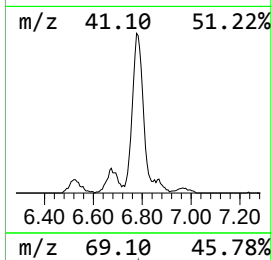
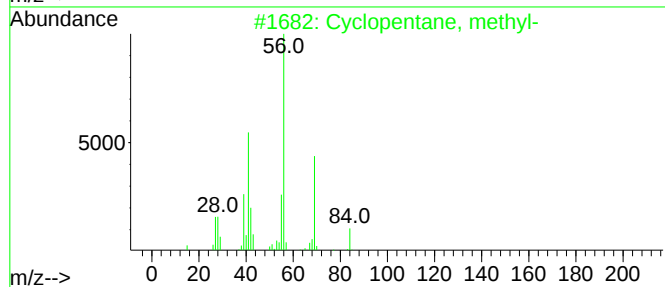
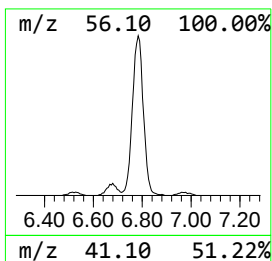
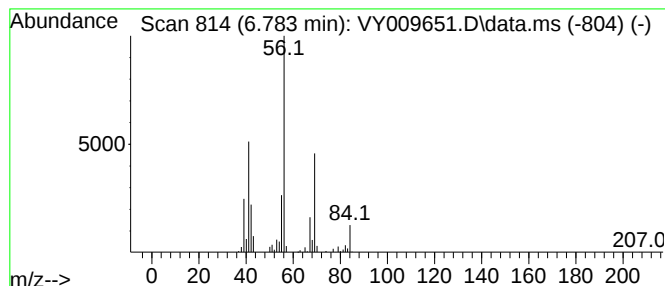
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.783	15.77 ug/l	192805	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2			Cyclohexane	84	C6H12	000110-82-7	80
3			Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	59



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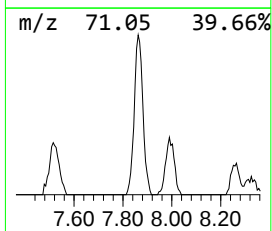
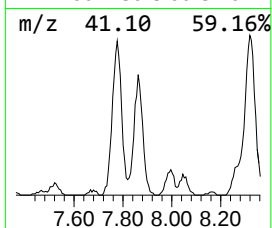
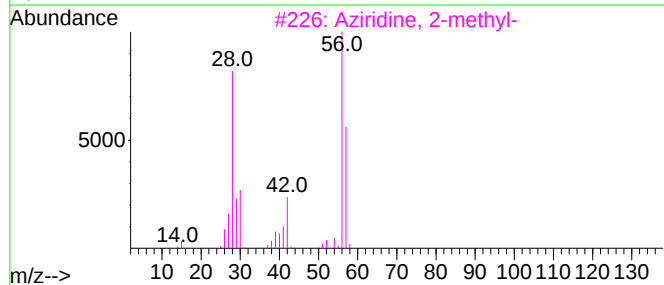
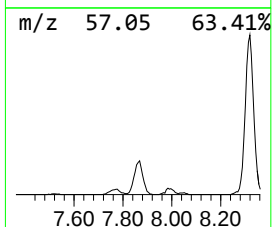
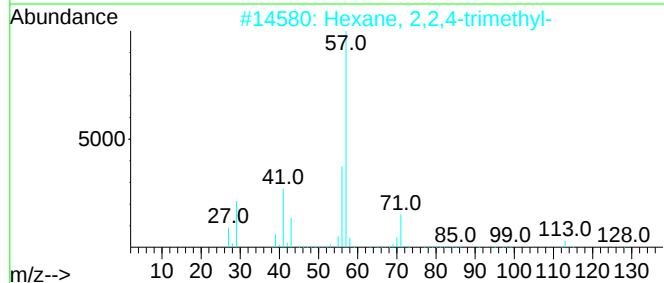
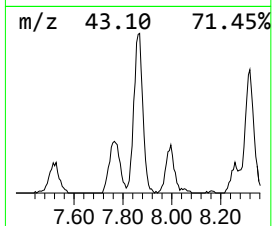
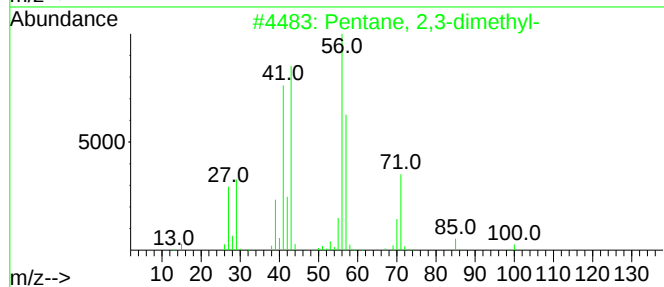
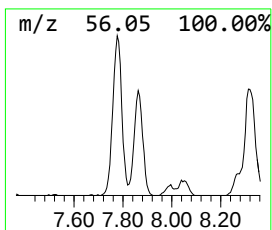
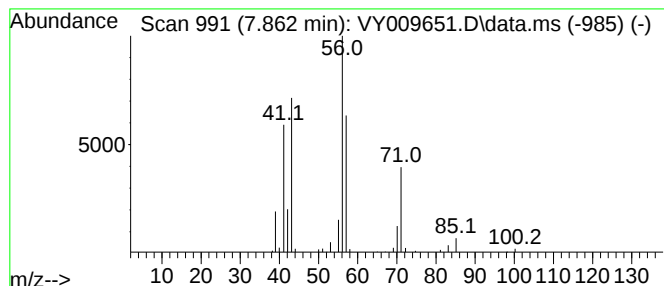
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Quant Title : SW846 8260

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

Peak Number 5 Pentane, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.862	7.89 ug/l	96387	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	95
2			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
3			Aziridine, 2-methyl-	57	C3H7N	000075-55-8	38
4			1-Hexene, 2-methyl-	98	C7H14	006094-02-6	37
5			Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009651.D
Acq On : 22 Jul 2022 11:33
Operator : KP/MD
Sample : N3773-10
Misc : 5.32g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-1(5-5.5)

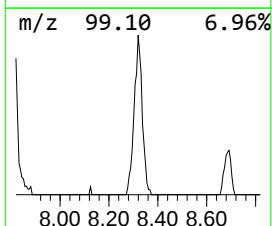
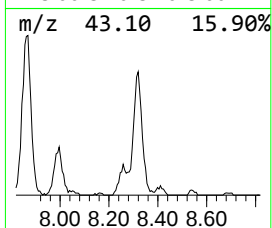
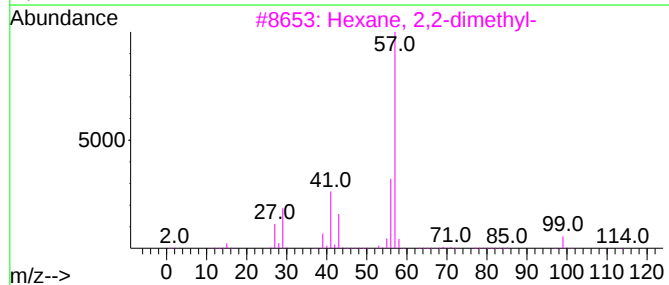
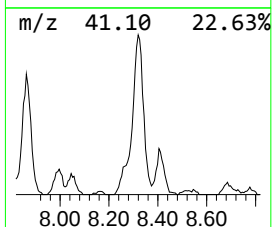
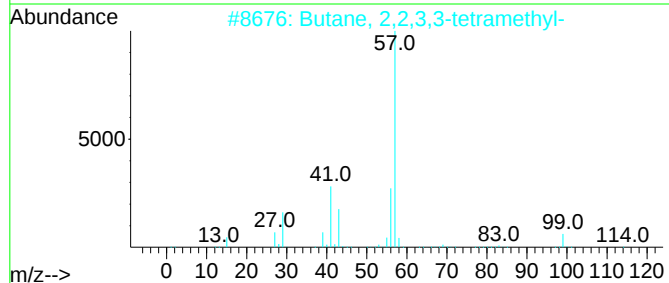
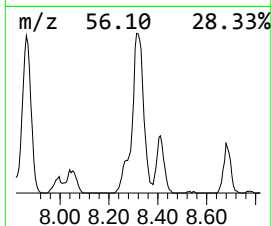
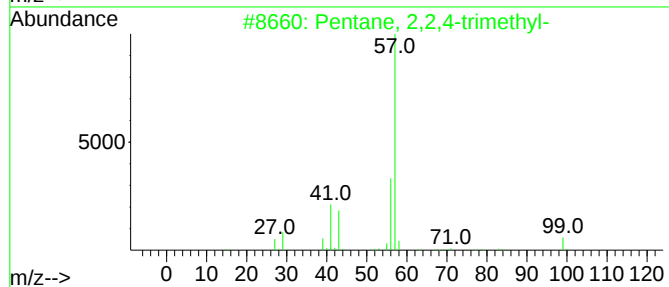
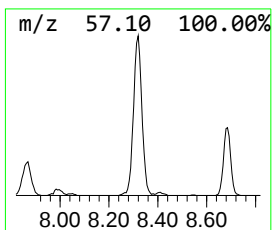
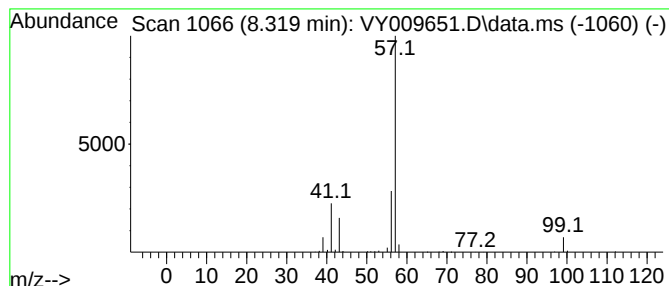
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.319	14.18 ug/l	167004	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	56
2			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	56
3			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	40
4			Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	38
5			di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009651.D
Acq On : 22 Jul 2022 11:33
Operator : KP/MD
Sample : N3773-10
Misc : 5.32g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-1(5-5.5)

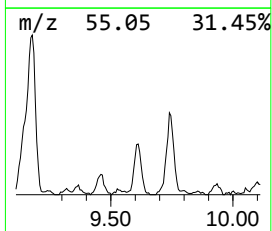
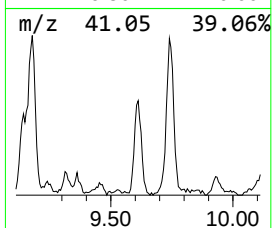
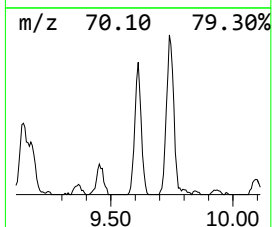
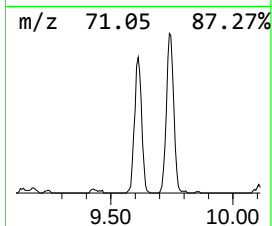
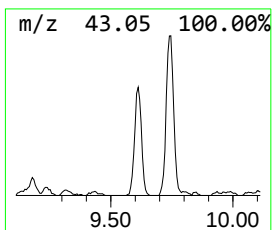
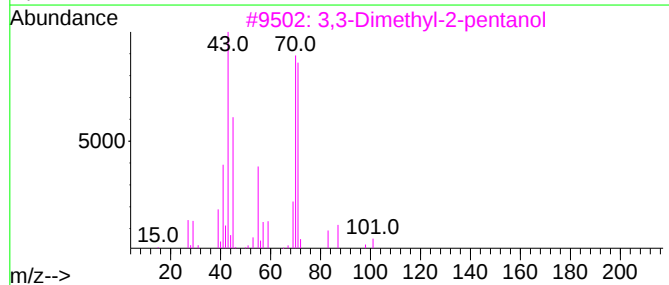
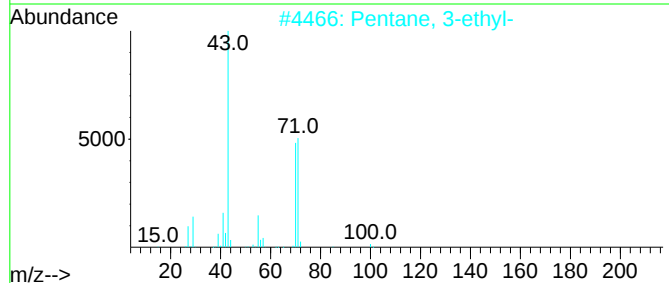
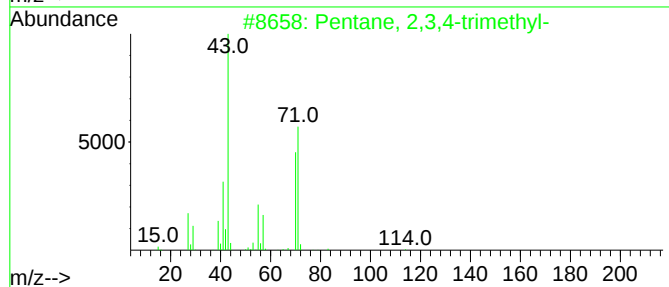
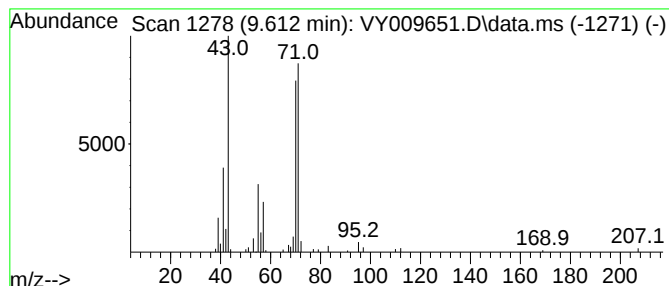
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Quant Title : SW846 8260

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

Peak Number 7 Pentane, 2,3,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.612	5.22 ug/l	61492	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3			3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	78
4			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78
5			Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009651.D
Acq On : 22 Jul 2022 11:33
Operator : KP/MD
Sample : N3773-10
Misc : 5.32g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-1(5-5.5)

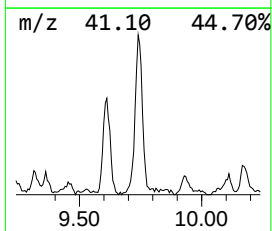
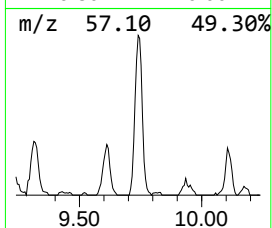
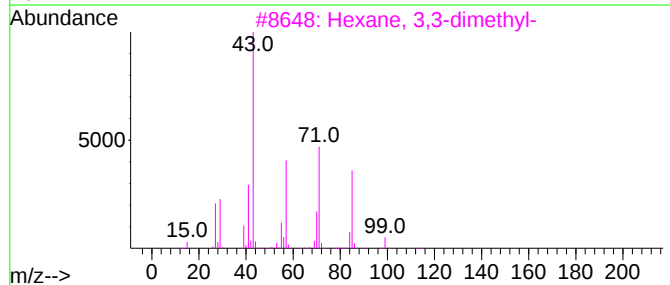
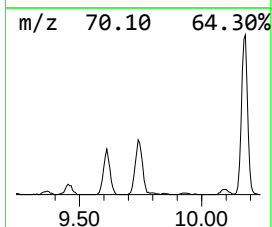
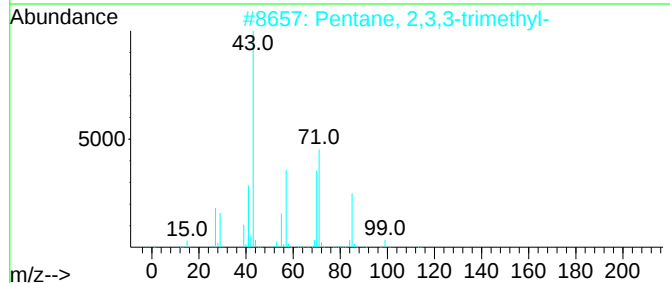
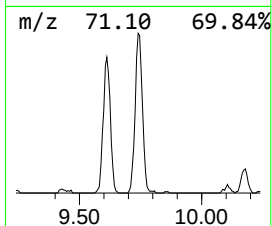
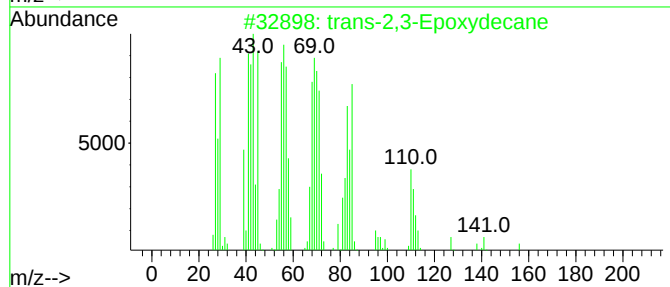
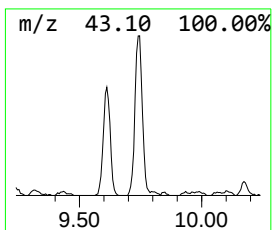
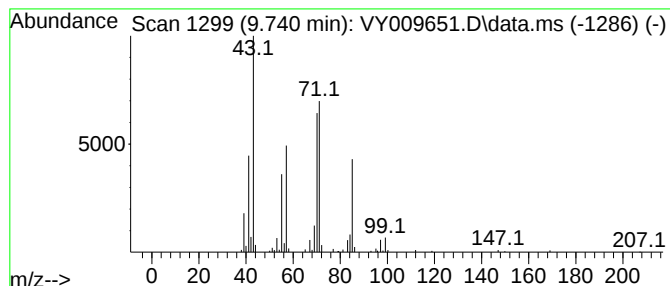
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Quant Title : SW846 8260

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

Peak Number 8 trans-2,3-Epoxydecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.740	10.48 ug/l	123407	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	64
2			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
Data File : VY009651.D
Acq On : 22 Jul 2022 11:33
Operator : KP/MD
Sample : N3773-10
Misc : 5.32g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DL-1(5-5.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.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
Butane	2.241	7.4	ug/l	89985	1	7.783	611147	50.0
Butane, 2-methyl-	2.893	21.9	ug/l	267559	1	7.783	611147	50.0
Pentane	3.241	7.5	ug/l	91619	1	7.783	611147	50.0
Cyclopentane, m...	6.783	15.8	ug/l	192805	1	7.783	611147	50.0
Pentane, 2,3-di...	7.862	7.9	ug/l	96387	1	7.783	611147	50.0
Pentane, 2,2,4-...	8.319	14.2	ug/l	167004	2	8.685	588806	50.0
Pentane, 2,3,4-...	9.612	5.2	ug/l	61492	2	8.685	588806	50.0
trans-2,3-Epoxy...	9.740	10.5	ug/l	123407	2	8.685	588806	50.0